

## DCN Knockout cell line (U-2932)

**Catalog Number:** KOA47127

### Product Information

|                            |                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | DCN Knockout cell line (U-2932)                                                                                                                                        |
| specification              | 1*10 <sup>6</sup>                                                                                                                                                      |
| Storage and transportation | Shipped on dry ice; Store in liquid nitrogen                                                                                                                           |
| Cell morphology            | Human Lymphocyte-like, suspension                                                                                                                                      |
| Passage ratio              | 1 : 2-1 : 4                                                                                                                                                            |
| species                    | Human                                                                                                                                                                  |
| Gene                       | DCN                                                                                                                                                                    |
| Gene ID                    | 1634                                                                                                                                                                   |
| Build method               | Electroporation/Lentivirus                                                                                                                                             |
| Mycoplasma testing         | negative                                                                                                                                                               |
| Cultivation system         | 90%RPMI-1640+10%FBS                                                                                                                                                    |
| Price (USD)                | Inquiry                                                                                                                                                                |
| Parental Cell Line         | U-2932                                                                                                                                                                 |
| Quality Control            | Genotype: DCN Knockout cell line (U-2932)>95% viability before freezing. All cells were tested and found to be free of bacterial, viruses,mycoplasma and other toxins. |

### Gene Information

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Official Full Name | decorinprovided by HGNC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Also known as           | CSCD; PG40; PGII; PGS2; DSPG2; SLRR1B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene Description        | This gene encodes a member of the small leucine-rich proteoglycan family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature protein. This protein plays a role in collagen fibril assembly. Binding of this protein to multiple cell surface receptors mediates its role in tumor suppression, including a stimulatory effect on autophagy and inflammation and an inhibitory effect on angiogenesis and tumorigenesis. This gene and the related gene biglycan are thought to be the result of a gene duplication. Mutations in this gene are associated with congenital stromal corneal dystrophy in human patients. [provided by RefSeq, Nov 2015] |
| Expression              | Broad expression in ovary (RPKM 562.9), gall bladder (RPKM 411.1) and 18 other tissues See more                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

