

## NDNF Knockout cell line (HEK293)

**Catalog Number:** KO15810

| Product Information        |                                                                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | NDNF Knockout cell line (HEK293)                                                                                                                                          |
| specification              | 1*10 <sup>6</sup>                                                                                                                                                         |
| Storage and transportation | Dry ice preservation/T25 live cell transportation.                                                                                                                        |
| Cell morphology            | Epithelioid, adherent cell                                                                                                                                                |
| Passage ratio              | 1:3~1:6                                                                                                                                                                   |
| species                    | Human                                                                                                                                                                     |
| Gene                       | NDNF                                                                                                                                                                      |
| Gene ID                    | 79625                                                                                                                                                                     |
| Build method               | Electric rotation method / virus method                                                                                                                                   |
| Mycoplasma testing         | Negative                                                                                                                                                                  |
| Cultivation system         | 90%DMEM+10% FBS                                                                                                                                                           |
| Parental Cell Line         | HEK293                                                                                                                                                                    |
| Quality Control            | Genotype: NDNF Knockout cell line (HEK293) >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 | neuron derived neurotrophic factorprovided by HGNC                                                                                                                                                                                                                                                                                                                                 |
| Also known as           | HH25; NORD; C4orf31                                                                                                                                                                                                                                                                                                                                                                |
| Gene Description        | Predicted to enable heparin binding activity. Involved in several processes, including cellular response to hypoxia; negative regulation of apoptotic process; and nitric oxide mediated signal transduction. Located in extracellular region. Is active in extracellular space. Implicated in hypogonadotropic hypogonadism. [provided by Alliance of Genome Resources, Apr 2025] |
| Expression              | Biased expression in lung (RPKM 64.4), placenta (RPKM 31.0) and 9 other tissues See more                                                                                                                                                                                                                                                                                           |