

## GORASP2 Knockout cell line (A549)

Catalog Number: KO28497

| Product Information        |                                                                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | GORASP2 Knockout cell line (A549)                                                                                                                                          |
| specification              | 1*10 <sup>6</sup>                                                                                                                                                          |
| Storage and transportation | Dry ice preservation/T25 live cell transportation.                                                                                                                         |
| Cell morphology            | Epithelioid, adherent cell                                                                                                                                                 |
| Passage ratio              | 1:3~1:4                                                                                                                                                                    |
| species                    | Human                                                                                                                                                                      |
| Gene                       | GORASP2                                                                                                                                                                    |
| Gene ID                    | 26003                                                                                                                                                                      |
| Build method               | Electric rotation method / virus method                                                                                                                                    |
| Mycoplasma testing         | Negative                                                                                                                                                                   |
| Cultivation system         | 90% F12K+10% FBS                                                                                                                                                           |
| Parental Cell Line         | A549                                                                                                                                                                       |
| Quality Control            | Genotype: GORASP2 Knockout cell line (A549) >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 | golgi reassembly stacking protein 2provided by HGNC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Also known as           | p59; GRS2; GOLPH6; GRASP55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Description        | This gene encodes a member of the Golgi reassembly stacking protein family. These proteins may play a role in the stacking of Golgi cisternae and Golgi ribbon formation, as well as Golgi fragmentation during apoptosis or mitosis. The encoded protein also plays a role in the intracellular transport of transforming growth factor alpha and may function as a molecular chaperone. A pseudogene of this gene is located on the short arm of chromosome 2. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011] |
| Expression              | Ubiquitous expression in thyroid (RPKM 25.6), placenta (RPKM 23.9) and 25 other tissues See more                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |