

## SEMA6B Knockout cell line (A549)

Catalog Number: KO31793

| Product Information        |                                                                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | SEMA6B 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                       | SEMA6B                                                                                                                                                                    |
| Gene ID                    | 10501                                                                                                                                                                     |
| Build method               | Electric rotation method / virus method                                                                                                                                   |
| Mycoplasma testing         | Negative                                                                                                                                                                  |
| Cultivation system         | 90% F12K+10% FBS                                                                                                                                                          |
| Parental Cell Line         | A549                                                                                                                                                                      |
| Quality Control            | Genotype: SEMA6B 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        |                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| Gene Official Full Name | semaphorin 6Bprovided by HGNC                                                                                                                                                                                                                                                                                                                                                                                        |
| Also known as           | EPM11; SEMAN; semaZ; SEMA-VIB; SEM-SEMA-Y; SEM-SEMA-Z                                                                                                                                                                                                                                                                                                                                                                |
| Gene Description        | This gene encodes a member of the semaphorin family, a group of proteins characterized by the presence of a conserved semaphorin (sema) domain. Whereas some semaphorins are transmembrane proteins, others are secreted. Semaphorins play a major role in axon guidance. The protein encoded by this gene may be involved in both peripheral and central nervous system development. [provided by RefSeq, Jul 2008] |
| Expression              | Broad expression in brain (RPKM 18.7), spleen (RPKM 8.6) and 15 other tissues See more                                                                                                                                                                                                                                                                                                                               |