

## TSPAN33 Knockout cell line (HCT 116)

**Catalog Number:** KO12988

| Product Information        |                                                                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | TSPAN33 Knockout cell line (HCT 116)                                                                                                                                         |
| specification              | 1*10 <sup>6</sup>                                                                                                                                                            |
| Storage and transportation | Dry ice preservation/T25 live cell transportation.                                                                                                                           |
| Cell morphology            | Epithelioid, adherent cell                                                                                                                                                   |
| Passage ratio              | 1:2~1:4                                                                                                                                                                      |
| species                    | Human                                                                                                                                                                        |
| Gene                       | TSPAN33                                                                                                                                                                      |
| Gene ID                    | 340348                                                                                                                                                                       |
| Build method               | Electric rotation method / virus method                                                                                                                                      |
| Mycoplasma testing         | Negative                                                                                                                                                                     |
| Cultivation system         | 90%McCOYs 5A+10% FBS                                                                                                                                                         |
| Parental Cell Line         | HCT 116                                                                                                                                                                      |
| Quality Control            | Genotype: TSPAN33 Knockout cell line (HCT 116) >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 | tetraspanin 33provided by HGNC                                                                                                                                                                                                              |
| Also known as           | PEN; PEN.; TSPAN-33                                                                                                                                                                                                                         |
| Gene Description        | Enables enzyme binding activity. Involved in pore complex assembly; protein localization to plasma membrane; and protein maturation. Located in plasma membrane. Part of pore complex. [provided by Alliance of Genome Resources, Apr 2025] |
| Expression              | Broad expression in kidney (RPKM 45.5), lymph node (RPKM 15.7) and 20 other tissues See more                                                                                                                                                |