

## CYB561 Knockout cell line (HeLa)

**Catalog Number:** KO38337

| Product Information        |                                                                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | CYB561 Knockout cell line (HeLa)                                                                                                                                          |
| 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                       | CYB561                                                                                                                                                                    |
| Gene ID                    | 1534                                                                                                                                                                      |
| Build method               | Electric rotation method / virus method                                                                                                                                   |
| Mycoplasma testing         | Negative                                                                                                                                                                  |
| Cultivation system         | 90%DMEM+10% FBS                                                                                                                                                           |
| Parental Cell Line         | HeLa                                                                                                                                                                      |
| Quality Control            | Genotype: CYB561 Knockout cell line (HeLa) >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 | cytochrome b561provided by HGNC                                                                                                                                                                                                                                                          |
| Also known as           | FRRS2; CGCytb; ORTHYP2; CYB561A1                                                                                                                                                                                                                                                         |
| Gene Description        | Predicted to enable transmembrane monodehydroascorbate reductase activity. Predicted to be involved in ascorbate homeostasis. Predicted to be located in chromaffin granule membrane. Predicted to be active in lysosomal membrane. [provided by Alliance of Genome Resources, Apr 2025] |
| Expression              | Broad expression in adrenal (RPKM 53.1), prostate (RPKM 31.9) and 23 other tissues See more                                                                                                                                                                                              |