

## CEP164 Knockout cell line (HeLa)

Catalog Number: KO30142

| Product Information        |                                                                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | CEP164 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                       | CEP164                                                                                                                                                                    |
| Gene ID                    | 22897                                                                                                                                                                     |
| Build method               | Electric rotation method / virus method                                                                                                                                   |
| Mycoplasma testing         | Negative                                                                                                                                                                  |
| Cultivation system         | 90%DMEM+10% FBS                                                                                                                                                           |
| Parental Cell Line         | HeLa                                                                                                                                                                      |
| Quality Control            | Genotype: CEP164 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        |                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| Gene Official Full Name | centrosomal protein 164provided by HGNC                                                                                                                                                                                                                                                                                                                                                                                       |
| Also known as           | NPHP15                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Description        | This gene encodes a centrosomal protein involved in microtubule organization, DNA damage response, and chromosome segregation. The encoded protein is required for assembly of primary cilia and localizes to mature centrioles. Defects in this gene are a cause of nephronophthisis-related ciliopathies. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2012] |
| Expression              | Broad expression in testis (RPKM 9.7), endometrium (RPKM 3.1) and 25 other tissues See more                                                                                                                                                                                                                                                                                                                                   |