

## CNTF Knockout cell line (NCM460)

**Catalog Number:** KOA78174

| Product Information        |   |
|----------------------------|---|
| Product Name               | CNTF Knockout cell line (NCM460)  |
| specification              | 1*10 <sup>6</sup>   |
| Storage and transportation | Shipped on dry ice; Store in liquid nitrogen  |
| Cell morphology            | Epithelial-like, adheren  |
| Passage ratio              | 1:2~1:3   |
| species                    | Human   |
| Gene                       | CNTF  |
| Gene ID                    | 1270  |
| Build method               | Electroporation/Lentivirus  |
| Mycoplasma testing         | negative  |
| Cultivation system         | 90%RPMI-1640+10%FBS   |
| Price (USD)                | Inquiry   |
| Parental Cell Line         | NCM460  |
| Quality Control            | Genotype: CNTF Knockout cell line (NCM460)>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 | ciliary neurotrophic factorprovided by HGNC  |
| Also known as           | HCNTF  |
| Gene Description        | The protein encoded by this gene is a polypeptide hormone whose actions appear to be restricted to the nervous system where it promotes neurotransmitter synthesis and neurite outgrowth in certain neuronal populations. The protein is a potent survival factor for neurons and oligodendrocytes and may be relevant in reducing tissue destruction during inflammatory attacks. A mutation in this gene, which results in aberrant splicing, leads to ciliary neurotrophic factor deficiency, but this phenotype is not causally related to neurologic disease. A read-through transcript variant composed of the upstream ZFP91 gene and CNTF sequence has been identified, but it is thought to be non-coding. Read-through transcription of ZFP91 and CNTF has also been observed in mouse. [provided by RefSeq, Oct 2010] |

Expression

Broad expression in bone marrow (RPKM 2.5), testis (RPKM 0.8) and 20 other tissues [See more](#)