



# Recombinant Human Netrin-4 (NTN4)

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| <b>Product Code</b>      | CSB-EP881014HU-B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Abbreviation</b>      | NTN4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Uniprot No.</b>       | Q9HB63                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Immunogen Species</b> | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>            | >85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Sequence</b>          | GL SGVAGVSSRC EKACNPRMGN LALGRKLWAD TTCGQNATEL<br>YCFYSENTDL TCRQPKCDKC NAAYPHLAHL PSAMADSSFR FPRTWWQSAE<br>DVHREKIQLD LEAEFYFTHL IVMFKSPRPA AMVLDRSQDF GKTWKPYKYF<br>ATNCSATFGL EDDVVKKGAI CTSKYSSPFP CTGGEVIFKA LSPPYDTENP<br>YSAKVQEQLK ITNLRVQLLK RQSCPCQRND LNEEPQHFTH YAIYDFIVKG<br>SCFCNGHADQ CIPVHGFRPV KAPGTFHMHVH GKCMCKHNTA<br>GSHCQHCAPL YNDRPWEAAD GKTGAPNECR TCKCNGHADT<br>CHFDVNVWEA SGNRSGGVCD DCQHNTGEGY CQRCKPGFYR<br>DLRRPFSAPD ACKPCSCHPV GSAVLPANSV TFCDPSNGDC PCKPGVAGRR<br>CDRCMVGYWG FG DYGCRPCD CAGSCDPITG DCISSHTDID WYHEVPDFRP<br>VHNKSEPAWE WEDAQGFSA L HSGKCECKE QTLGNAKAF C GMKYSYVLKI<br>KILSAHDKGT HVEVNVKIKK VLKSTKLKIF R GKRTLYPES WDRGCTCPI<br>LNPGL EYLVA GHEDIRTGKL IVNMKSFVQH WKPSLGRKVM DILKRECK |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Target Names</b>      | NTN4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Protein Names</b>     | Recommended name: Netrin-4 Alternative name(s): Beta-netrin Hepar-derived netrin-like protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Expression Region</b> | 19-628                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Protein Length</b>    | Full Length of Mature Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.                                                                                                                                                                                                                                                                                                                             |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |



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