

## Recombinant Human NPTN Protein

**Cat. No.** NPTN-483H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NPTN(Gln29-His220), transcript variant c, was expressed in HEK293 cells.                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 29-220 a.a.                                                                                                                                                                                                                                      |
| <b>Description</b>      | This gene encodes a type I transmembrane protein belonging to the Ig superfamily. The protein is believed to be involved in cell-cell interactions or cell-substrate interactions. Alternative splicing results in multiple transcript variants. |
| <b>Form</b>             | Lyophilized from a 0.2 M filtered solution of 20mM Phosphate buffer, 150mM NaCl, pH 7.2. Stable for at least 6 months from date of receipt under proper storage and handling conditions.                                                         |
| <b>Molecular Mass</b>   | 22.7 kDa                                                                                                                                                                                                                                         |
| <b>Endotoxin</b>        | < 0.1 EU per µg protein as determined by LAL test                                                                                                                                                                                                |
| <b>Purity</b>           | >95% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                       |
| <b>Concentration</b>    | Resuspend the protein to the desired concentration in proper buffer.                                                                                                                                                                             |

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## GENE INFORMATION

|                 |                                                                                                                                                                                                                   |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | NPTN neuroplastin [ Homo sapiens ]                                                                                                                                                                                |
| Official Symbol | NPTN                                                                                                                                                                                                              |
| Synonyms        | NPTN; neuroplastin; SDFR1, stromal cell derived factor receptor 1; GP55; GP65; np55; np65; SDR1; SDR-1; stromal cell-derived receptor 1; stromal cell derived factor receptor 1; SDFR1; MGC102805; DKFZp686L2477; |
| Gene ID         | 27020                                                                                                                                                                                                             |
| mRNA Refseq     | NM_001161363                                                                                                                                                                                                      |
| Protein Refseq  | NP_001154835                                                                                                                                                                                                      |
| MIM             | 612820                                                                                                                                                                                                            |
| UniProt ID      | Q9Y639                                                                                                                                                                                                            |

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