

## Neuroplastin (NPTN) Recombinant Protein | NPTN recombinant protein

Recombinant Neuroplastin (NPTN)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA153538</b> | HOST<br><b>E coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

Neuroplastin (NPTN); Recombinant Neuroplastin (NPTN); Neuroplastin; NPTN recombinant protein (prokaryotic); Human; SDR1; GP55; GP65; SDFR1; np55; np65; Stromal Cell Derived Factor Receptor 1; NPTN recombinant protein

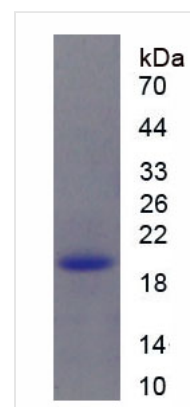
### PRODUCT SPECIFICATIONS

|                                                      |                                                                                                              |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                                 | E coli                                                                                                       |
| Purity/Purification                                  | Greater than 90% by SDS-PAGE                                                                                 |
| Form/Format                                          | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.<br>Freeze-dried powder                                       |
| Sequence Positions                                   | Thr185-Asn317                                                                                                |
| Applicable Applications for NPTN recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                     |
| Expression System                                    | Prokaryotic expression                                                                                       |
| Species                                              | Human                                                                                                        |
| Tag                                                  | N-terminal His                                                                                               |
| Endotoxin Level                                      | <1.0EU per 1ug (determined by the LAL method)                                                                |
| Isoelectric Point                                    | 6.5                                                                                                          |
| Subcellular Location                                 | Membrane                                                                                                     |
| Research Area                                        | Neuro science                                                                                                |
| Preparation and Storage                              | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored. |

### IMAGES

TKNGVELSATRKNASNMEYRINKPRAEDSGEYHCYVYHFVSAPKANATIEVKAAPDITGHKRS  
ENKNEGQDATMYCKSVGYPHDPDWIWRKKENGMPMDIVNTSGRFFIINKENYTELNIIVNLQ  
ITEDPGEYECN

Amino Acid Info



SDS-PAGE  
Figure. SDS-PAGE

ADDITIONAL INFORMATION

|                                                        |                      |
|--------------------------------------------------------|----------------------|
| Product Categories/Family for NPTN recombinant protein | Prokaryotic proteins |
|--------------------------------------------------------|----------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| NCBI GI #                        | 6912646                                                                                      |
| NCBI GeneID                      | 27020                                                                                        |
| NCBI Accession #                 | NP_036560.1                                                                                  |
| NCBI GenBank Nucleotide #        | NM_012428.3                                                                                  |
| UniProt Accession #              | Q9Y639; Q17R52; Q59EJ9; Q6NVX7; Q9Y640; B2RAL7; B7Z4D3; B7ZLL2                               |
| Molecular Weight                 | 43,931 Da                                                                                    |
| NCBI Official Full Name          | neuroplastin isoform b                                                                       |
| NCBI Official Synonym Full Names | neuroplastin                                                                                 |
| NCBI Official Symbol             | NPTN                                                                                         |
| NCBI Official Synonym Symbols    | GP55; GP65; SDR1; np55; np65; SDFR1                                                          |
| NCBI Protein Information         | neuroplastin; SDR-1; stromal cell-derived receptor 1; stromal cell derived factor receptor 1 |
| UniProt Protein Name             | Neuroplastin                                                                                 |
| UniProt Gene Name                | NPTN                                                                                         |
| UniProt Synonym Gene Names       | SDFR1; SDR1; SDR-1                                                                           |
| UniProt Entry Name               | NPTN_HUMAN                                                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/nptn-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153538>