

## Product Information

### MemDX™ Membrane Protein Human NPTN (Neuroplastin) for Antibody Discovery

Cat. No.: **MP0637J**

This product is for research use only and is not intended for diagnostic use.

This product is a 28.7 kDa Human NPTN membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

#### Product Specifications

##### Host Species

Human

##### Target Protein

NPTN

##### Protein Length

Full-length

##### Protein Class

Druggable Genome, Transmembrane

##### Molecular Weight

28.7 kDa

##### TMD

1

##### Sequence

MSGSSLPSALALSLLLVSGSLLPGPGAAQNEPRIVTSEEVIIRDSPVLPVTLQC�LTSSSHTLTYSYWTK  
NGVELSATRKNASNMEYRINKPRAEDSGEYHCYVHFVSAPKANATIEVKAAPDITGHKRSENKNEGQDAT  
MYCKSVGYPHDPDWIWRKKENGMPMDIVNTSGRFFIINKENYTELNIVNLQITEDPGEYECNATNAIGSAS  
VVTVLRVRSHLAPLWPFLGILAEIIILVVIIVVYEKRKRPDEVPDDDEPAGPMKTNSTNNHKDKNLRQRN  
TN

#### Product Description

##### Expression Systems

HEK293T

##### Tag

C-Myc/DDK

##### Form

Liquid

**Purification**

Anti-DDK affinity column followed by conventional chromatography steps

**Purity**

> 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer**

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

**Storage**

Store at +4°C for up to one week or several months at -80°C

**Target****Target Protein**

NPTN

**Full Name**

Neuroplastin

**Introduction**

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.

**Alternative Names**

GP55; GP65; SDR1; np55; np65; SDFR1

**Gene ID**

[27020](#)

**UniProt ID**

[Q9Y639](#)