

Product Information

Magic™ Membrane Protein Human NPTN (Neuroplastin) for Antibody Discovery

{AlternativeNames}

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

MSGSSLPALALSLLLVSGLLPGPAAQNEPRIVTSEEVIIRDSPVLPVTLQCNLTSSSHLTLYSYWTK
NGVELSATRKNASNMEYRINKPRAEDSGEYHCYHFVSAPKANATIEVKAAPDITGHRSENKNEGQDAT
MYCKSVGYPHPDWIWRKKENGMPMDIVNTSGRFFIINKENYTELNIVNLQITEDPGEYECNATNAIGSAS
VVTVLRVRSHLAPLWPFLGILAEIIILVVIIVVYEKRKRPEVPDDDEPAGPMKTNSTNNHKDKNLRQRN
TN

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Powder

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](#)