

Proteoliposomes

Full-Length

NRP1 (Human) Recombinant Protein

Catalog # H00008829-G01

Size 10 ug

Specification

Product Description

Human NRP1 full-length ORF (NP_001019800.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MERGLPLLCAVLALVLAPAGAFRNDKCGDTKIESPGYLTSPGYPHSYHPSEKCEWLIQAPDPYQR
IMINFNPHFDLED RDCKYDYEVFDGENENGHFRGKFCGKIAPPPVVSSGPFLFIK FVSDYETHGA
GFSIRYEIFKRGPECSQNYTTPSGVIKSPGFPEKYPNSLECTYVFAPKMSEIILEFESFDLEPDSNP
PGGMFCRYDRLEWDGFPDVGPHIGRYCGQKTPGRIRSSSGILSMVFYTD SAIKEGFSANYSVLQ
SSVSEDFKCMEALGMESGEIHSDQITASSQYSTNWSAERSRLNYPENGWTPGEDSYREWIQVDL
GLLRFTAVGTQGAISKETKKKYVVKTYKIDVSSNGEDWITIKEGNKPVL FQGNTNPTDVVVAVFPK
PLITRFVRIKPATWETGISMRFEVYGCKITDYPCSGMLGMVSGLISDSQITSSNQGDRNWM PENIRL
VTSRSGWALPPAPHSYINEWLQIDLGEEKIVRGIIQGGKHRENKVFMRKFKIGYSNNGSDWK MIMD
DSKRKAKSFEGNNNYDTPELRTFPALSTRFIRIYPERATHGGLGLRMELLGCEVEGGTTVLATEKP
TVIDSTIQSGIK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

68.3

Interspecies Antigen Sequence

Mouse (93); Rat (93)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — NRP1

Entrez GeneID	8829
GeneBank Accession#	NM_001024629.1
Protein Accession#	NP_001019800.1
Gene Name	NRP1
Gene Alias	BDCA4, CD304, DKFZp686A03134, DKFZp781F1414, NP1, NRP, VEGF165R
Gene Description	neuropilin 1
Omim ID	602069
Gene Ontology	Hyperlink
Gene Summary	NRP1 is a membrane-bound coreceptor to a tyrosine kinase receptor for both vascular endothelial growth factor (VEGF; MIM 192240) and semaphorin (see SEMA3A; MIM 603961) family members. NRP1 plays versatile roles in angiogenesis, axon guidance, cell survival, migration, and invasion.[supplied by OMIM]
Other Designations	OTTHUMP00000020818 OTTHUMP00000020820 OTTHUMP00000020821 neuropilin-1 transmembrane receptor

Pathway

- [Axon guidance](#)

Disease

- [Adenocarcinoma](#)
- [Alzheimer Disease](#)
- [Anoxia](#)
- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Diabetes Mellitus](#)
- [Dominance](#)
- [Esophageal Neoplasms](#)
- [Femur Head Necrosis](#)
- [Genetic Predisposition to Disease](#)
- [Hot Flashes](#)
- [Kidney Failure](#)
- [Lymphatic Metastasis](#)
- [Mental Disorders](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Recurrence](#)
- [Neovascularization](#)
- [Osteonecrosis](#)
- [Schizophrenia](#)
- [Varicose Ulcer](#)