

Human NRP1 Recombinant Protein



RPPB0796

Product Information Protein Information

Product SKU:

RPPB0796

Accession:

O14789

Host:

Sf9, Baculovirus cells.

Protein description:

NRP1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 843 amino acids (22-856a.a.) and having a molecular mass of 94.8kDa. (Molecular size on SDS-PAGE will appear at approximately 100-150kDa). NRP1 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Neuropilin-1 isoform a, NRP1, BDCA4, CD304, NP1, NRP, VEGF165R, Vascular endothelial cell growth factor 165 receptor.

Formulation:

NRP1 protein solution (0.25mg/ml) contains phosphate buffered saline (pH7.4) and 20% glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

FRNDKCGDTI KIESPGYLTSGYPHSHPS EKCEWLIQAP DPYQRIMINF NPHFDLED RD CKYDYVEVFD
GENENGHFRG KFCGKIAPPP VVSSGPFLFI KFVSDYETHG AGFSIRYEIF KRGPECSQNY TTPSGVIKSP
GFPEKYPNSL ECTYIVFAPK MSEIILEFES FDLEPDSNPPGGMFCDYRL EIWDGFPDVG PHIGRYCGQK
TPGRIRSSSG ILSMVFTDS AIAKEGFSAN YSVLQSSVSE DFKCMEALGM ESGEIHSQDI TASSQYSTNW
SAERSRLNYP ENGWTPEGDS YREWIQVDLG LLRFVTAVGT QGAISKETKK KYYVKTYKID VSSNGEDWIT
IKEGNKPVLFQGNNTNPTDVV VAVFPKPLIT RFVRIKPATW ETGISMRFEV YGCKITDYPC SGMLGMVSG
ISDSQITSSN QGDRNWMPEN IRLVTSRSGW ALPPAPHYSI NEWLQIDLGE EKIVRGIIIQ GGKHRENKVF
MRKFKIGYSN NGSDWKMIMD DSKRKAKSFE GNNNYDTPEL RTFPALSTRFIRIYPERATH GGLGLRMELL
GCEVEAPTAG PTPNGNLVD ECDDQANCH SGTGDDFQLT GGTTVLATEK PTVIDSTIQS EFPTYGFNCE
FGWGSHTKFC HWEHDNHVQL KWSVLTSKTG PIQDHTGDGN FIYSQADENQ KGKVARLVSP VVYSQNSAHC
MTFWYHMSGH HVGTLRVKLRYQKPEEYDQL VVMAIGHQGD HWKEGRVLLH KSLKLYQVIF EGEIGKGNLG
GIAVDDISIN NHISQEDCAK PADLDKKNPE IKIDETGSTP GYEGEGEGDK NISRKPGNVL KTLDPLEHHH HHH.