9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

NRP1 Human

Neuropilin 1 Human Recombinant
NTR0058

Product Overview

Name	NRP1 Human
Description	
Neuropilin 1 Human Recombinant	
Accession (Primary)	O14789
Synonyms	
Neuropilin-1 isoform a, NRP1, BDCA4, CD304, NP1, NRP, VEGF165R, Vascular endothelial cell growth factor 165 receptor.	
Introduction	
NRP1 is a coreceptor bound on membranes to tyrosine kinase receptors for semaphorin family proteins and endothelial growth factors, it is a type one transmembrane protein. Neuropilin-1 takes part in cell survival, angiogenesis, invasion, migration, and axon guidance. the protein is a potential target for cancer therapies as it interacts with VEGF (co-receptor).	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
NRP1 protein solution (0.25mg/ml) contains phosphate buffered saline (pH7.4) and 20% glycerol.	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
FRNDKCGDTI KIESPGYLTS PGYPHSYHPS EKCEWLIQAP DPYQRIMINF NPHFDLEDRD CKYDYVEVFD GENENGHFRG KFCGKIAPPP VVSSGPFLFI KFVSDYETHG AGFSIRYEIF KRGPECSQNY TTPSGVIKSP GFPEKYPNSL ECTYIVFAPK MSEIILEFES FDLEPDSNPP GGMFCRYDRL EIWDGFPDVG PHIGRYCGQK TPGRIRSSSG ILSMVFYTDS AIAKEGFSAN YSVLQSSVSE DFKCMEALGM ESGEIHSDQI TASSQYSTNW	

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SAERSRLNYP ENGWTPGEDS YREWIQVDLG LLRFVTAVGT QGAISKETKK KYYVKTYKID VSSNGEDWIT IKEGNKPVLF QGNTNPTDVV VAVFPKPLIT RFVRIKPATW ETGISMRFEV YGCKITDYPC SGMLGMVSGL ISDSQITSSN QGDRNWMPEN IRLVTSRSGW ALPPAPHSYI NEWLQIDLGE EKIVRGIIIQ GGKHRENKVF MRKFKIGYSN NGSDWKMIMD DSKRKAKSFE GNNNYDTPEL RTFPALSTRF IRIYPERATH GGLGLRMELL GCEVEAPTAG PTTPNGNLVD ECDDDQANCH SGTGDDFQLT GGTTVLATEK PTVIDSTIQS EFPTYGFNCE FGWGSHKTFC HWEHDNHVQL KWSVLTSKTG PIQDHTGDGN FIYSQADENQ KGKVARLVSP VVYSQNSAHC MTFWYHMSGS HVGTLRVKLR YQKPEEYDQL VWMAIGHQGD HWKEGRVLLH KSLKLYQVIF EGEIGKGNLG GIAVDDISIN NHISQEDCAK PADLDKKNPE IKIDETGSTP GYEGEGEGDK NISRKPGNVL KTLDP LEHHH HHH .

Precautions

NRP1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O14789)