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

NRP1 Mouse

Neuropilin 1 Mouse Recombinant
NTR0059

Product Overview

Name	NRP1 Mouse
Description	
Neuropilin 1 Mouse Recombinant	
Accession (Primary)	P97333
Synonyms	
Neuropilin-1, A5 protein, CD304, Nrp1, Nrp.	
Introduction	
Neuropilin 1 (Nrp1) is a transmembrane glycoprotein which functions as a co-receptor for several extracellular ligands including class III/IV semaphorins, some isoforms of vascular endothelial growth factor and transforming growth factor beta. Nrp1 binds vascular endothelial growth factor (VEGF)-A and is believed to serve as a coreceptor for kinase insert domain-containing receptor (KDR) by connecting with KDR and enhancing VEGF signaling. Nrp1 is a marker of regulatory T cells.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
NRP1 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) 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	
FRSDKCGGTI KIENPGYLTS PGYPHSYHPS EKCEWLIQAP EPYQRIMINF NPHFDLEDRD CKYDYVEVID GENEGGRLWG KFCGKIAPSP VVSSGPFLFI KFVSDYETHG AGFSIRYEIF KRGPECSQNY TAPTGVIKSP GFPEKYPNSL ECTYIIFAPK MSEIILEFES FDLEQDSNPP GGMFCRYDRL EIWDGFPEVG PHIGRYCGQK TPGRIRSSSG VLSMVFYTDS AIAKEGFSAN YSVLQSSISE DFKCMEALGM ESGEIHSDQITASSQYGTNW	

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SVERSRLNYP ENGWTPGEDS YKEWIQVDLG LLRFVTAVGT QGAISKETKK KYYVKTYRVD ISSNGEDWIS LKEGNKAIIF QGNTNPTDVV LGVFSKPLIT RFVRIKPVSW ETGISMRFEV YGCKITDYPC SGMLGMVSGL ISDSQITASN QADRNWMPEN IRLVTSRTGW ALPPSPHPYT NEWLQVDLGD EKIVRGVIIQ GGKHRENKVF MRKFKIAYSN NGSDWKTIMD DSKRKAKSFE GNNNYDTPEL RTFSPLSTRF IRIYPERATH SGLGLRMELL GCEVEAPTAG PTTPNGNPVD ECDDDQANCH SGTGDDFQLT GGTTVLATEK PTIIDSTIQS EFPTYGFNCE FGWGSHKTFC HWEHDSHAQL RWSVLTSKTG PIQDHTGDGN FIYSQADENQ KGKVARLVSP VVYSQSSAHC MTFWYHMSGS HVGTLRVKLR YQKPEEYDQL VWMVVGHQGD HWKEGRVLLH KSLKLYQVIF EGEIGKGNLG GIAVDDISIN NHISQEDCAK PTDLDKKNTE IKIDETGSTP GYEGEGEGDK NISRKPGNVL KTLDP LEHHH HHH

Precautions

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

Target Information: (P97333)