

Product datasheet for TP320920L

NRP2 (NM_201266) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human neuropilin 2 (NRP2), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220920 representing NM_201266 Red =Cloning site Green =Tags(s)
	<p>MTFYSPAVMNYSVPGSTSNLDGGPVRLSTSPNVLWPTSGHLSPLATHCQSSLLYAEPQKSPWCEARSLEH TLPVNRETLKRKLSGSSCASPVTSPTSPNAKRDAHFPCVCSYASGYHYGVWVSCGCKAFFKRSIQGHNDYIC PATNQCTIDKNRRKSCQACRLRKCYEVGMVKCGSRRERCGYRIVRRQRSSEQVHCLSKAKRNGGHAPRV KELLSTLSPEQLVLTLLAEPPNVLSRPSMPFTEASMMMSLTKLADKELVHMIGWAKKIPGFVELSLL DQVRLLESCWMEVLMVGLMWRSIDHPGKLIFAPDLVLDREDEGKCEGILEIFDMLLATTSRFRELKLQHK EYLCVKAMILLNSSMYPLASANQEAESSRKLTHLLNAVTDALVWVIAKSGISSQQQSVRLANLLMLLSHV RHISNKGMEHLLSMKCKNVVPVYDLLLLLEMLNAHTLRGKSSISGSECSSTEDSKNKESSQNLQSQ</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	102.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_957718



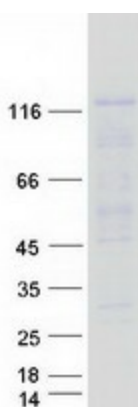
[View online »](#)

Locus ID: 8828
UniProt ID: [O60462](#), [Q7Z3T9](#)
RefSeq Size: 6671
Cytogenetics: 2q33.3
RefSeq ORF: 2793
Synonyms: NP2; NPN2; PRO2714; VEGF165R2

Summary: This gene encodes a member of the neuropilin family of receptor proteins. The encoded transmembrane protein binds to SEMA3C protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C} and SEMA3F protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3F}, and interacts with vascular endothelial growth factor (VEGF). This protein may play a role in cardiovascular development, axon guidance, and tumorigenesis. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified NRP2 protein (Cat# [TP320920]). The protein was produced from HEK293T cells transfected with NRP2 cDNA clone (Cat# [RC220920]) using MegaTran 2.0 (Cat# [TT210002]).