

Product datasheet for TP320920

NRP2 (NM_201266) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human neuropilin 2 (NRP2), transcript variant 1, 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC220920 representing NM_201266
Red=Cloning site **Green**=Tags(s)

MTFYSPAVMNYSVPGSTSNLDGGPVRLSTSPNVLWPTSGHLSPLATHCQSSLLYAEPQKSPWCEARSLEH
TLPVNRETLKRKLSGSSCASPVTSPNAKRDAHFPCVCSYASGYHYGVWVSCGCKAFFKRISIQGHNDYIC
PATNQCTIDKNRRKSCQACRLRKCYEVGMVKCGSRRERCGYRIVRRQRSSEQVHCLSKAKRNGGHAPRV
KELLSTLSPEQLVLTLLAEPPNVLSRPSMPFTEASMMMSLTKLADKELVHMIGWAKKIPGFVELSLL
DQVRLLESCWMEVLMVGLMWRSIDHPGKLIFAPDLVDRDEGKCEGILEIFDMLLATTSRFRELKLQHK
EYLCVKAMILLNSSMYPLASANQEAESSRKLTHLLNAVTDALVWVIAKSGISSQQQSVRLANLLMLLSHV
RHISNKGMEHLLSMKCKNVVPVYDLLLEMLNAHTLRGYKSSISGSECSSTEDSKNKESSQNLQSQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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](#)



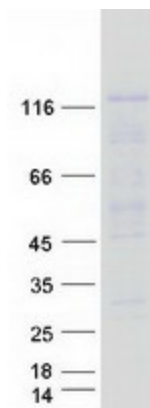
[View online »](#)

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]).