

Product datasheet for TP310928M

NRP2 (NM_201267) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human neuropilin 2 (NRP2), transcript variant 5, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC210928 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MDMFPLTWVFLALYFSRHQVRGQPDPPCGGRLNSKDAGYITSPGYQDYPHQNCEWIVYAPEPNQKIVL
NFNPHFEIEKHDCKYDFEIRDGSEADLLGKHCGNIAPPTIISGSMLYIKFTSDYARQGAGFSLRYE
IFKTGSEDCSKNFTSPNGTIESPGFPEKYPHNLDCFTILAKPKMEIILQFLIFDLEHDPQVGECDCKY
DWLDIWDGIPHVGPLIGKYCGTKPSELRSSTGILSLTFHTDMAVAKDGFSARYLVHQELENFQCNVP
LGMESGRIANEQISASSTYSYDGRWTPQQSRLHGDDNGWTPNLDSNKEYLQVDRFLTMTLTAIATQGAISR
ETQNGYYVKSYLEVSTNGEDWMVYRHGKNHVKVFQANNDTEVVLNKLHAPLLTRFVRIRPQTWHSIAL
RLELFGCRVTDAPCSNMLGMLSGLIADSQISASSTQEYLWSPSAARLVSSRSGWFFRIPQAQPGEEWLQV
DLGTPKTVKGVIIQGARGGDSITAVEARAFVRKFKVSYSLNGKDWEYIQDPRTQQPKLFEGNMHYDTPDI
RRFDPIPAQYVRVYPERWSPAGIGMRLEVLGCDWTDSPKPTVETLGPVKSEETTPYPTTEEEATECGENC
SFEDDKDLQLPSGFNCNDFLEEPCGWMYDHAKWLRTTWASSSSPNDRTFPDDRNLRLQSDSQREGQYA
RLISPPVHLPRSPVCMFQYQATGGRGVALQVVREASQESKLLWVIREDDQGGWVKHGRILLPSYDMEYQI
VFEGVIGKGRSGEIAIDDIRISTDVPLENCMEPIFAFAGGTLLPGTEPTVDTVPMQPIPAYWYVMAAGG
AVLVLVSVLALVLYHHRFRYAARKTDHSITYKTSHYTNGAPLAVEPTLTIKLEQDRGSHC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

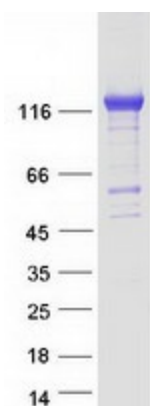
Tag:	C-Myc/DDK
Predicted MW:	98.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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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_957719
Locus ID:	8828
UniProt ID:	O60462 , Q7Z3T9
RefSeq Size:	4148
Cytogenetics:	2q33.3
RefSeq ORF:	2703
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# [TP310928]). The protein was produced from HEK293T cells transfected with NRP2 cDNA clone (Cat# [RC210928]) using MegaTran 2.0 (Cat# [TT210002]).