

Product datasheet for **TP311396**

PLXNC1 (NM_005761) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human plexin C1 (PLXNC1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211396 representing NM_005761 Red=Cloning site Green=Tags(s)

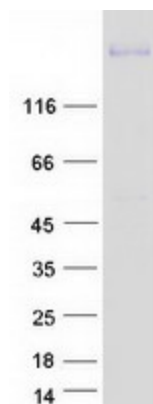
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LDCGHGHPDGRRLSSSLVEALDVWAGVFSAAAGEGQERRSPTTTALCLFRMSEIQARAKRVSDFKTA
ESHCKEGDQPERVQPIASSTLIHSDLTSVYGTWVMNRTVFLGTGDGQLLKVILGENLTSNCPEVIYEIK
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QECPVAVEKTSGGGRPKENKGNRTNQALQVFIKSIQKQVSTLKGSNVIVTGANFTRASNITMILKGT
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NITMMGRNFDVIDNLIISHELKGNINVSEYCVATYCGFLAPSLKSSKVRTNVTVKLRVQDQTYLDCGTLQY
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GIKTASTIANSSKKVRVKLGNLELYVEQESVPSTWYFLIVLPVLLVIVFAAVGVTRHKSKELSRKQSQQ
LELLESELRKEIRDGFAELQMDKLDVDSFGTVPFLDYKHFALRTFFPESGGFTHIFTEDMHNDRDANDKN
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QPKMLRRTESVVEKLLTNWMSVCLSGFLRETGVPEFYLLVTTLNQKINKGVPDVITCKALYTLNEDWLL
WQVPEFSTVALNVFEKIPENESADVCRNISVNLDCDTIGQAKEKIFQAFLSKNGSPYGLQLNEIGLEL
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QDVQGKRHRGKHKFKVEMYLTKLLSTKVAIHSVLEKFRSIWSLPNSRAPFAIKYFFDFLDAQAENKKI
TDPDVVHIWKTNSLPLRFWVNILKNPQFVFDIKKTPHIDGCLSVIAQAFMDAFSLTEQQLGKEAPTNNKLL
YAKDIPTYKEEVKSYYKAIRDLPPLSSSEMEEFLTQESKKHENEFEVALTEIYKYIVKYFDEILNKLE
RERGLEEAQQLLHVKVLDFDEKKKCKWM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Tag:	C-Myc/DDK
Predicted MW:	175.6 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_005752
Locus ID:	10154
UniProt ID:	O60486
RefSeq Size:	5121
Cytogenetics:	12q22
RefSeq ORF:	4704
Synonyms:	CD232; PLXN-C1; VESPR
Summary:	<p>This gene encodes a member of the plexin family. Plexins are transmembrane receptors for semaphorins, a large family of proteins that regulate axon guidance, cell motility and migration, and the immune response. The encoded protein and its ligand regulate melanocyte adhesion, and viral semaphorins may modulate the immune response by binding to this receptor. The encoded protein may be a tumor suppressor protein for melanoma. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Jan 2011]</p>
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Axon guidance

Product images:

Coomassie blue staining of purified PLXNC1 protein (Cat# TP311396). The protein was produced from HEK293T cells transfected with PLXNC1 cDNA clone (Cat# [RC211396]) using MegaTran 2.0 (Cat# [TT210002]).