

Product datasheet for **TP526359**

Plxnc1 (NM_018797) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse plexin C1 (Plxnc1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T



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Expression cDNA Clone or AA Sequence: >MR226359 representing NM_018797
Red=Cloning site Green=Tags(s)

MEVSRRTKTPRPPYPAAPLPLIAYLLALAAPARGADEPVWRSEQAIGAIAASRADGVFVASGSLDQLDY
 SLKNRSLRLYRDQAGNCTEPVSLAPPARPRPGSSFSKLLLPYREGATGLEGLLLTGWTFDRGACEVRPLG
 NLNRSSLRNGTEVVSCHPQGSTAGVVYRASGTDLWYLAVAATYVLPETANRCNPAASDRDTAIALKNT
 EGRSLATQELGRLKLRGSAGSLHFVDAFLWNGSVYFPYPYNYTSGAATGWPSMARIAQSTEVLFQGGAA
 LDCDHGHPEGRRLSSSLVEAVDIWAGVFSAAATGEGQERRSPATTALCLFRMSEIQAHARSCSWDFQAT
 EHNCKEGDRPERVQPIASSTLIHSDLTSVYGTVMNRTVFLGTGDGQLLKVVVLGENLTSNCPEVIYEIK
 EETPVFYKLVPHPMKNIYIYLTAGKEVRRIPVANCSKRKSCSECLAAADPHCGWCLPLQRCTFQGDCTHA
 GSFENWLDISSGPKKCPKIQLRSLRERTTVITVGSISARHSECVKNADTGKLLCQGRSQLNWTACNI
 PSRPSYNVLVWVNFSPSWNLSERFNFTNCASLKECPACIRSGCAWCKRDKKCIHPFTPCEPSDYERNQ
 ELCQVAVEKSPKDSGGGRVKESKRNRDTGAVQVFYKAIQKISTLGKSNVIVTGANFTQASNITMILR
 GTSTCERDVIRVSHVLNDTHMKFSLPSSRKEMKDVCIQFDGGTSSAGALSIALPHCSLIVPATTWISG
 GQNTIMGRNFDVIDNLIISHELKGNANVNINVSEYCAATFCRFLAPNLKSSKVRTNAVAVKLRVQDYL
 CGTLQYLEDPRFTGYRVESEIDTELEVKIQKENDNFNISKDDIDITLFHGENKQFNCSFENITRNQDLTT
 ILCKIKSIKNANTIASSSKKVRVKLGNLELYVEQESVPSTWYFLIALPILLAIIVVAVVWTRYKSKELS
 RKQSQQLELLESELRKEIRDGFAELQMDKLDVDSFGTVPFLDYKHFALRTFFPESGGFTHIFTEDMHNR
 DANDKNESLTALDALICNKSFLVTVIHTLEKQKNFSVKDRCLFASFTIALQTKLVYLTSLILEVLRDLM
 EQCSNMQPKMLRRTESVVEKLLTNWMSVCLSGFLRETVEGPFYLLVTLNQKINKGPVDVITCKALYTL
 NEDWLLWQVPEFNTVALNVVFEKIPENESADVCRNISVNVLDCTIGQAKEKVFQAFLSKNGSPYGLQLN
 EIGLELQVGTQKELLIDIDSSVILEDGITKLNITIGHYEISNGSTIKVFKIANFTSDVEYSDDHCHLIL
 PDSEAFQVVQGKRHRGKHKFKVEMYLTKLLSTKVAIHSVLEKLFRSIWSLPSNRAPFAIKYFFDFLDAQ
 AENKKITDPDVWHIWKTNLPLRFWVNLKNPQFVFDIKTPHIDSCLSVIAQAFMDAFLTEQQLGKEA
 PTNKLLYAKDIPTYKEEVKSYYKAIRDLPPLSSLEMEEFQTQESKKHENEFEVALTEIYKYIVKYFDE
 ILNKLERERGLEEAQKQLLHVKVLDFEKKKCKWM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 176.9 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

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 after receiving vials.

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_061267](#)

Locus ID: 54712

UniProt ID: [Q9QZC2](#), [Q9CRY9](#)

RefSeq Size: 7059

Cytogenetics: 10 C2

RefSeq ORF: 4722

Synonyms: 2510048K12Rik; AW742158; CD232; Vespr

Summary: Receptor for SEMA7A, for vaccinia virus semaphorin A39R and for herpesvirus Sema protein. Binding of semaphorins triggers cellular responses leading to the rearrangement of the cytoskeleton and to secretion of IL6 and IL8 (By similarity).[UniProtKB/Swiss-Prot Function]