

Recombinant Human PLXNC1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PLXNC1-3763H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PLXNC1 MS Standard C13 and N15-labeled recombinant protein (NP_005752) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	175.6 kDa
AA Sequence	MEVSRRKAPPRPPRPAAPLPLLAYLLALAAPGRGADEPVWRSEQAIGAIAASQEDG VFVASGSCLDQLDYSLEHSLSRLYRDQAGNCTEPVSLAPPARPRPGSSFSKLLLPY REGAAGLGGLLTGWTFDRGACEVRPLGNLSRNSLRNGTEVVSCHPQGSTAGVVY RAGRNNRWYLAVAATYVLPEPETASRCNPAASDHDTAIALKDTEGRSLATQELGRL KLCEGAGSLHFVDAFLWNGSIYFPYPYNYTSGAATGWPSMARIAQSTEVLFFQGQA SLDCGHGHPDGRRLLLSSSLVEALDVWAGVFSAAGGEGQERRSPTTTALCLFRMS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

EIQARAKRVSWDFKTAESHCKEGDQPERVQPIASSTLIHSDLTSVYGTVMNRTVLF
 LGTGDGQLLKVLGENLTSNCPEVIYEIKEETPVFYKLVDPVKNIYIYLTAGKEVRRIR
 VANCNKHKSCSECLTATDPHCGWCHSLQRCTFQGDCVHSENLENWLDISSGAKKC
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 ATYKDVSVVNMFSFGSWNLSDRFNFTNCSSLKECPACVETGCAWCKSARRCIHP
 FTACDPSDYERNQECPVAVEKTSGGGRPKENKGNRTNQALQVFYIKSIEPQKVST
 LGKSNVIVTGANFTRASNITMILKGTSTCDKDVIQVSHVLNDTHMKFSLPSSRKEMKD
 VCIQFDGGNCSSVGSLSYIALPHCSLIPTTWWISGGQNITMMGRNFDVIDNLIISHEL
 KGNINVSEYCVATYCGFLAPSLKSSKVRTNVTVKLRVQDQTYLDCGTLQYREDPRFTG
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 KIKGIKTASTIANSSKKVRVKLGNLELYVEQESVPSTWYFLIVLPVLLVIVIFAAVGVTR
 HKSKELSRKQSQQLELLESELRLKEIRDGFAELQMDKLDVVDSFGTVPFLDYKHFAIR
 TFFPESGGFTHIFTEDMHNRDANDKNESLTALDALICNKSFLVTVIHTLEKQKNFSVK
 DRCLFASFLTIALQTKLVYLTSLILEVLT RDLM EQCSNMQPKMLRRTESVVEKLLTNW
 MSVCLSGFLRET VGE PFYLLVTTLNQKINKGPVDVITCKALYTLNEDWLLWQVPEFS
 TVALNVVFEKIPENESADVCRNISVNVLDCTIGQAKEKIFQAFLSKNGSPYGLQLNEI
 GLELQMGTRQKELLDIDSSSVILEDGITKLN TIGHYEISNGSTIKVFKKIANFTSDVEYS
 DDHCHLILPDSEAFQDVQGKRHRGKHFKVKEMYLT KLLSTKVAIHSVLEKLF RSIW
 SLPNSRAPFAIKYFFDFLDAQAENKKITDPDVVHIWKTNSLPLRFWVNILKNPQFVFDI
 KKTPHIDGCLSVIAQAFMDAFSLTEQQLGKEAPTNKLLYAKDIPTYKEEVKSYYKAIR
 DLPLSSSEMEEFLTQESKKHENEFNEEVALTEIYKYIVKYFDEILNKLERERGLEEA
 QKQLLHVKVLFD EKKKCKWMTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Stability

Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage

Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

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Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [PLXNC1 plexin C1 \[Homo sapiens \(human\) \]](#)

Official Symbol [PLXNC1](#)

Synonyms PLXNC1; plexin C1; plexin-C1; CD232; VESPR; plexin (semaphorin receptor); receptor for viral semaphorin protein; receptor for virally-encoded semaphorin; virus-encoded semaphorin protein receptor; PLXN-C1;

Gene ID [10154](#)

mRNA Refseq [NM_005761](#)

Protein Refseq [NP_005752](#)

MIM [604259](#)

UniProt ID [O60486](#)

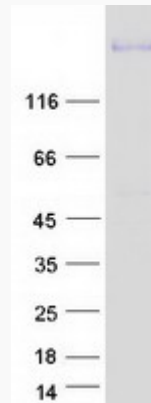
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SDS-PAGE



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