

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

```
MEVSRRKAPPRPPRPAAPLPLLAYLLALAAPGRGADEPVWRSEQAIGAI AASQEDG
VFVASGSCLDQLDYSLEHSLSRLYRDQAGNCTEPVSLAPPARPRPGSSFSKLLLPY
REGAAGLGLLLLTGWTFDRGACEVRPLGNLSRNSLRNGTEVVSCHPQGSTAGVVY
RAGRNNRWYLAVAATYVLPEPETASRCNPAASDHDTAIALKDTEGRSLATQELGRL
KLCEGAGSLHFVDAFLWNGSIYFPYYPNYTSGAATGWPSMARIAQSTEVLFQGGQA
SLDCGHGHPDGRLLLLSSSLVEALDVWAGVFSAAAGEGQERRSPPTTALCLFRMS
```

 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

EIQARAKRVSWDFKTAESHCKEGDQPERVQPIASSTLIHSDLTSVYGTVVMNRTVLF
 LGTGDGQLLKVILGENLTSNCPEVIYEIKEETPVFYKLVDPVKNIYIYLTAGKEVRRIR
 VANCNKHKSCSECLTATDPHCGWCHSLQRCTFQGDCVHSENLENWLDISSGAKKC
 PKIQIIRSSKEKTTVTMVGFSFSPRHSKCMVKNVDSSRELCQNKSQPNRTCTCSIPT
 ATYKDVSVVNMFSFGSWNLSDRFNFTNCSSLKECPACVETGCAWCKSARRCIHP
 FTACDPSDYERNQECPVAVEKTSGGGRPKENKGNRTNQUALQVFYIKSIEPQKVST
 LGKSNVIVTGANFTRASNITMILKGTSTCDKDVIQVSHVLNDTHMKFSLPSSRKEMKD
 VCIQFDGGNCSSVGSLSYIALPHCSLIFPATTWISGGQNITMMGRNFDVIDNLIISHEL
 KGNINVSEYCVATYCGFLAPSLKSSKVRTNVTVKLRVQDTYLDLQYREDPRFTG
 YRVESEVDTELEVKIQKENDNFNISKKDIEITLFHGENGQLNCSFENITRNQDLTILC
 KIKGIKTASTIANSSKKVRVKLGNLELYVEQESVPSTWYFLIVLPVLLVIVIFAAVGVTR
 HSKELSRKQSQQLELLESELRKEIRDGFAELQMDKLDVVDSFGTVPFLDYKHFALR
 TFFPESGGFTHIFTEDMHNRDANDKNESLTALDALICNKSFLVTVIHTLEKQKNFSVK
 DRCLFASFLTIALQTKLVYLTLSILEVLTRDLMEQCSNMQPKMLRRTESVVEKLLTNW
 MSVCLSGFLRETVGEPFYLLVTTLNQKINKGPVDVITCKALYTLNEDWLLWQVPEFS
 TVALNVVFEKIPENESADVCRNISVNVLDLDCDTIGQAQEKIFQAFLSKNGSPYGLQLNEI
 GLELQMGTRQKELLDIDSSSVILEDGITKLNITIGHYEISNGSTIKVFKKIANFTSDVEYS
 DDHCHLILPDSEAFQDVQGKRHRGKHKFKVKEMYLTLLSTKVAIHSVLEKLFRSIW
 SLPNSRAPFAIKYFFDFLDAQAENKKITDPDVVHIWKTNSLPLRFWVNILKNPQFVFDI
 KKTPHIDGCLSVIAQAFMDAFSLTEQQLGKEAPTNNKLLYAKDIPTYKEEVKSYYKAIR
 DLPLSSSEMEEFLTQESKKHENEFNEEVALTEIYKYIVKYFDEILNKLERERGLEEA
 QKQLLHVKVLVDFDEKKKCKWMTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.

 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

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](#)

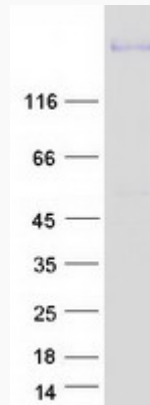
 Tel: 1-631-559-9269 1-516-512-3133

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

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



SDS-PAGE



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