

Recombinant Human PLXNB2, His-tagged

Cat. No. PLXNB2-30906TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 1409-1838 of Human Plexin B2 with an N terminal His tag; Predicted MWt 50 kDa.
Species	Human
Source	E.coli
ProteinLength	1409-1838 a.a.
Description	Members of the B class of plexins, such as PLXNB2 are transmembrane receptors that participate in axon guidance and cell migration in response to semaphorins (Perrot et al.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 122 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	LYQYLKDSAGEPLYKLFKAIKHQVEKGPVDAVQKKAKYTL NDTGLLGDDVEYAPLTV SVIVQDEGVDAIPVKVLNCDT ISQVKEKIIDQVYRGQPCSCWPRPDSVVLEWRPGST AQ ILSDLDLTSQREGRWKRVNTLMHYNVRDGATLILSKVG VSQQPEDSQQDLPGE

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RHALLEENRVWHLVRPTDEVDEGK SKRGSVKEKERTKAITEIYLTRLLSVKGTLLQQ
 FVDNFF QSVLAPGHAVPPAVKYFFDFLDEQAEKHNIQDEDTIHI WKTNSLPLRFWV
 NILKNPHFIFDVHVHEVVDASLSVIA QTFMDACTRTEHKLSRDSPSNKLLYAKEISTY
 KKMVED YYKGIRQMVQVSDQDMNTHLAEISRAHTDSLNTLVALHQL YQYTQKYYD
 EIINALEEDPAAQKMQLAFRLQQIAAALE NKVTDL

GENE INFORMATION

Gene Name	PLXNB2 plexin B2 [Homo sapiens]
Official Symbol	PLXNB2
Synonyms	PLXNB2; plexin B2; plexin-B2; KIAA0315; MM1; PLEXB2;
Gene ID	23654
mRNA Refseq	NM_012401
Protein Refseq	NP_036533
MIM	604293
Uniprot ID	O15031
Chromosome Location	22q13.33
Pathway	Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem;
Function	GTPase activator activity; protein binding; receptor activity;

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