

## Recombinant Human PLXNB2, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment, corresponding to amino acids 1409-1838 of Human Plexin B2 with an N terminal His tag; Predicted MWt 50 kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1409-1838 a.a.
<b>Description</b>	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.
<b>Conjugation</b>	HIS
<b>Form</b>	Lyophilised:Reconstitute with 122 µl aqua dest.
<b>Storage buffer</b>	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequences of amino acids</b>	LYQYLKDSAGEPLYKLFKAIKHQVEKGPVDAVQKKAKYTL NDTGLLGDDVEYAPLTV SVIVQDEGVDAIPVKVLNCDT ISQVKEKIIDQVYRGQPCSCWPRPDSVVLEWRPGST AQ ILSDLDLTSQREGRWKRVENTLMHYNVRDGLLILSKVG VSQQPEDSQQDLPG

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

## GENE INFORMATION

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

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