

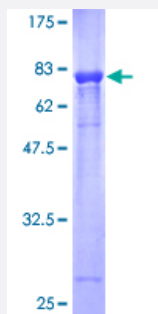
Full-Length

PLXNB2 (Human) Recombinant Protein (P01)

Catalog # H00023654-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PLXNB2 full-length ORF (AAH04542, 1 a.a. - 470 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MHTLFLELLEQYVVAKNPKMLRRSETVVERMLSNWMSICLYQYLKDSAGEPLYKLFKAIKHQVEK
GPVDAVQKKAKYTLNDTGLLGDDVEYAPLTVSVVQDEGVDAIPVKVLNCDTISQVKEIIDQVYRG
QPCSCWPRPDSVLEWRPGSTAQILSDLDLTSQQEGRWKRVTLMHYNVRDGATLILSKVGVS
QQPEDSQQDLPGERHALLEEENRVWHLVRPTDEVDEGKSKRGSVKEKERTKAITEMLTRLLSVK
GTLQQFVDNFFQSVLAPGHAVPPAVKYFFDFLDEQAEKHNIQDEDTIHWKTNSLPLRFWVNILKN
PHFIFDVHVHEVVDASLSVIAQTFMDACTRTEHKLSRSPSNKLLYAKEISTYKKMVEDYYKGIRQ
MVQVSDQDMNTHLAEISRAHTDSLNTLVALHQLYQYTQKYDEIINALEEDPAAQKMQLAFRLQQIA
AALENKVTDL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

77.33

Interspecies Antigen Sequence

Mouse (97); Rat (97)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PLXNB2

Entrez GeneID	23654
GeneBank Accession#	BC004542.1
Protein Accession#	AAH04542
Gene Name	PLXNB2
Gene Alias	KIAA0315, MM1, Nbla00445, PLEXB2, dJ402G11.3
Gene Description	plexin B2
Omim ID	604293
Gene Ontology	Hyperlink
Gene Summary	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. (2002) [PubMed 12183458]).[supplied by OMIM]
Other Designations	-

Pathway

- [Axon guidance](#)