

## Active Recombinant Human PLXNB2 Protein, His-tagged

Cat. No. PLXNB2-931H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PLXNB2 (Accession # O15031) Leu20-Arg1160, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	Leu20-Arg1160
<b>Predicted N Terminal</b>	Leu20
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. When rhPlexin-B2 is coated at 5 µg/mL (100 µ/well), rmSema4D/mFc Chimera binds with an apparent KD < 5 nM.
<b>Molecular Mass</b>	Recombinant Human PLXNB2, His-tagged has a calculated MW of 125.7 kDa. In SDS-PAGE migrates as 145-180 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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## 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; Nbla00445; dJ402G11.3;
<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

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