

Active Recombinant Human PLXNB2 Protein, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	CHO
ProteinLength	Leu20-Arg1160
Predicted N Terminal	Leu20
Form	Lyophilized from a 0.2 μ filtered solution in PBS.
Bio-activity	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.
Molecular Mass	Recombinant Human PLXNB2, His-tagged has a calculated MW of 125.7 kDa. In SDS-PAGE migrates as 145-180 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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

Gene Name	PLXNB2 plexin B2 [Homo sapiens]
Official Symbol	PLXNB2
Synonyms	PLXNB2; plexin B2; plexin-B2; KIAA0315; MM1; PLEXB2; Nbla00445; dJ402G11.3;
Gene ID	23654
mRNA Refseq	NM_012401
Protein Refseq	NP_036533
MIM	604293
UniProt ID	O15031
Chromosome Location	22q13.33

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