

Recombinant Human PLXNB1 protein, His-tagged

Cat. No. PLXNB1-4479H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLXNB1 protein(O43157)(20-535aa), fused to C-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	20-535aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	56.4 kDa
AA Sequence	LQPLPPTAFTPNGTYLQHLARDPTSGTLYLGATNFLFQLSPGLQLEATVSTGPVLDS RDCLPPVMPDECPQAQPTNPNQLLLVSFGALVVCVSVHQGVCEQRRLGQLEQLL LRPERPGDTQYVAANDPAVSTVGLVAQGLAGEPLLFVGRGYTSRGVGGGIPPITTR ALWPPDPQAAFSYEETAKLAVGRLSEYSHHFVSAFARGASAYFLFLRRDLQAQSRA FRAYVSRVCLRDQHYYSYVELPLACEGGRYGLIQAAVATSREVAHGEVLFAAFSS AAPPTVGRPPSAAAGASGASALCAFPDDEVDRLANRTRDACYTREGRAEDGTEVAY IEYDVNSDCAQLPVDTLDAYPCGSDHTPSPMASRVPLEATPILEWPGIQLTAVAVTM EDGHTIAFLGDSQGGQLHRVYLGPGSDGHPYSTQSIQQGSAVSRDLTFDGTFEHLYV MTQSTLLKVPVASCAQHLDCACLAHRDPYCGWCVLLGRCSRSECSRGQGPEQ WLWSFQPELGCLQ

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name	PLXNB1 plexin B1 [Homo sapiens]
Official Symbol	PLXNB1
Synonyms	PLXNB1; plexin B1; PLXN5; plexin-B1; KIAA0407; SEP; plexin 5; semaphorin receptor SEP; PLEXIN-B1; MGC149167;
Gene ID	5364
mRNA Refseq	NM_001130082
Protein Refseq	NP_001123554
MIM	601053
UniProt ID	O43157

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