

Active Recombinant Human PLXNC1 Protein, His-tagged

Cat. No. PLXNC1-1001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLXNC1 (Accession # O60486) Ala35-Thr944, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Ala35-Thr944
Predicted N Terminal	Ala35
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Human Plexin C1 is coated at 5 µg/mL, Recombinant Human Semaphorin 7A Fc Chimera binds with an apparent Kd <5 nM.
Molecular Mass	Recombinant Human PLXNC1, His-tagged has a calculated MW of 100.9 kDa. In SDS-PAGE migrates as 150-170 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	PLXNC1 plexin C1 [Homo sapiens]
Official Symbol	PLXNC1
Synonyms	PLXNC1; plexin C1; plexin-C1; CD232; VESPR; plexin (semaphorin receptor); receptor for viral semaphorin protein; receptor for virally-encoded semaphorin; virus-encoded semaphorin protein receptor; PLXN-C1;
Gene ID	10154
mRNA Refseq	NM_005761
Protein Refseq	NP_005752
MIM	604259
UniProt ID	O60486
Chromosome Location	12q23

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