

Active Recombinant Human SEMA6D Protein, Fc Chimera

Cat. No. SEMA6D-841H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEMA6D (Accession # NP_705871), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Ser22
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 Semaphorin 6D Fc Chimera is coated at 6 µg/mL, Recombinant Mouse Plexin A1 binds with an apparent KD < 50 nM.
Molecular Mass	Recombinant Human SEMA6D, Fc Chimera has a calculated MW of 98.6 kDa (monomer). In SDS-PAGE migrates as 110-120 kDa (full length) & 88-97 kDa (Fc was cleaved off, 30-35%).
Purity	>90%, 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	SEMA6D sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D [Homo sapiens]
Official Symbol	SEMA6D
Synonyms	SEMA6D; sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D; semaphorin-6D; FLJ11598; KIAA1479;
Gene ID	80031
mRNA Refseq	NM_001198999
Protein Refseq	NP_001185928
MIM	609295
UniProt ID	Q8NFY4
Chromosome Location	15q21.1

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