

Active Recombinant Mouse Sema6d Protein, Fc Chimera

Cat. No. Sema6d-877M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sema6d (Accession # NP_954710), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
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 Mouse Semaphorin 6D Fc Chimera is coated at 6 µg/mL, Recombinant Mouse Plexin A1 binds with an apparent KD < 50 nM.
Molecular Mass	Recombinant Mouse Sema6d, Fc Chimera has a calculated MW of 97 kDa (monomer). In SDS-PAGE migrates as 110-120 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).

GENE INFORMATION

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Gene Name	Sema6d sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D [Mus musculus]
Official Symbol	Sema6d
Synonyms	SEMA6D; sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D; semaphorin-6D; semaphorin 6D; AA409156; Sema6D-1; Sema6D-2; Sema6D-4; Sema6D-5; Sema6D-6; mKIAA1479; D330011G23; 1110067B02Rik;
Gene ID	214968
mRNA Refseq	NM_172537
Protein Refseq	NP_766125
MIM	

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