

Active Recombinant Mouse Sema5a Protein, Fc Chimera

Cat. No. Sema5a-617M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sema5a (Accession # NP_033180), fused with , was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
Predicted N Terminal	Glu23
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of human pancreatic cancer cells.The ED50 for this effect is typically 0.9 - 3.6 µg/mL.
Molecular Mass	Recombinant Mouse Sema5a, Fc Chimera has a calculated MW of 110.8 kDa (monomer). In SDS-PAGE migrates as 120-140 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).
Reconstitution	Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

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GENE INFORMATION

Gene Name	Sema5a sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A [Mus musculus]
Official Symbol	Sema5a
Synonyms	SEMA5A; sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A; semaphorin-5A; sema F; M-Sema D; semaphorin F; semaphorin-F; semF; Semaf; AI464145; 5930434A13; 9130201M22Rik;
Gene ID	20356
mRNA Refseq	NM_009154
Protein Refseq	NP_033180
MIM	

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