

## Active Recombinant Mouse Sema5a Protein, Fc Chimera

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Sema5a (Accession # NP_033180), fused with , was produced in Chinese Hamster Ovary cell line, CHO-derived.
<b>Species</b>	Mouse
<b>Source</b>	CHO
<b>Predicted N Terminal</b>	Glu23
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	Recombinant Mouse Sema5a, Fc Chimera has a calculated MW of 110.8 kDa (monomer). In SDS-PAGE migrates as 120-140 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	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).
<b>Reconstitution</b>	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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