Active Recombinant Mouse Sema3b Protein, Fc Chimera

Cat. No. Sema3b-616M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sema3b (Accession # NP_033179), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	Pro26
Form	Lyophilized from a 0.2 μm filtered solution in PBS and Tween® 20 with BSA as a carrier protein.
Bio-activity	Measured by its ability to inhibit proliferation of the A549 human lung carcinoma cells.The ED50 for this effect is typically 100 - 400 ng/mL.
Molecular Mass	Recombinant Mouse Sema3b, Fc Chimera has a calculated MW of 104.2 kDa (monomer). In SDS-PAGE migrates as 104-115 kDa, reducing conditions.
Purity	>85%, 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 (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

GENE INFORMATION

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Gene Name	Sema3b sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3B [Mus musculus]
Official Symbol	Sema3b
Synonyms	SEMA3B; sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3B; semaphorin-3B; sema A; semaphorin-A; SemA; Semaa; sema5; semaV; LUCA-1; AW208495;
Gene ID	20347
mRNA Refseq	NM_001042779
Protein Refseq	NP_001036244
MIM	

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