Active Recombinant Mouse Sema4d Protein, Fc Chimera

Cat. No. Sema4d-677M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sema4d (Accession # NP_038688), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	Phe24
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its ability to promote the survival and differentiation of human peripheral blood monocytes.The ED50 for this effect is typically 0.8 - 3.2 μg/mL.
Molecular Mass	Recombinant Mouse Sema4d, Fc Chimera has a calculated MW of 103.4 kDa (monomer). In SDS-PAGE migrates as 115-140 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 (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

GENE INFORMATION

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Gene Name	Sema4d sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D [Mus musculus]
Official Symbol	Sema4d
Synonyms	SEMA4D; sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D; semaphorin-4D; sema J; M-sema G; semaphorin H; semaphorin-J; semaphorin-C-like 2; CD100; Semaj; Semcl2; coll-4; Semacl2;
Gene ID	20354
mRNA Refseq	NM_013660
Protein Refseq	NP_038688
MIM	

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