

Active Recombinant Human SEMA5A, Fc Chimera

Cat. No. SEMA5A-234H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEMA5A (Accession # AAC09473) was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Glu23
Form	Lyophilized from a 0.2 µ filtered solution in PBS, EDTA and Tween® 20.
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 Human SEMA5A, Fc Chimera has a calculated MW of 110 kDa (monomer). In SDS-PAGE migrates as 133 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	SEMA5A sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A [Homo sapiens]
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; SEMAF; semaphorin-5A; semF; sema F; semaphorin F; semaphorin-F; FLJ12815;
Gene ID	9037
mRNA Refseq	NM_003966
Protein Refseq	NP_003957
MIM	609297
UniProt ID	Q13591
Chromosome Location	5p15.2