

Active Recombinant Human SEMA6C Protein, Fc Chimera

Cat. No. SEMA6C-775H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEMA6C (Accession # NP_112175), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Ala25
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to cause collapse of chick embryonic dorsal root ganglia (DRG) neuron growth cones. The concentration of 5.0 - 10 µg/mL in the presence of 20 ng/mL of rhNT-3 is sufficient to cause significant growth cone collapse. Optimal concentrations should be determined by each laboratory for each application.
Molecular Mass	Recombinant Human SEMA6C, Fc Chimera has a calculated MW of 89.2 kDa. In SDS-PAGE migrates as 90-100 kDa, reducing conditions.
Purity	>90%, 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).

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GENE INFORMATION

Gene Name	SEMA6C sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6C [Homo sapiens]
Official Symbol	SEMA6C
Synonyms	SEMA6C; sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6C; semaphorin-6C; KIAA1869; m Sema Y2; sema Y; semaphorin-Y; SEMAY; m-SemaY; m-SemaY2;
Gene ID	10500
mRNA Refseq	NM_001178061
Protein Refseq	NP_001171532
MIM	609294
UniProt ID	Q9H3T2
Chromosome Location	1q21.2

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