

Active Recombinant Human SEMA7A Protein, Fc Chimera

Cat. No. SEMA7A-1031H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEMA7A (Accession # O75326), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	His47
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When recombinant human Plexin-C1 is coated at 5 µg/mL, recombinant human Semaphorin 7A/Fc Chimera binds with an apparent KD < 5 nM.
Molecular Mass	Recombinant Human SEMA7A, Fc Chimera has a calculated MW of 94.8 kDa (monomer). In SDS-PAGE migrates as 100-105 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).
Reconstitution	Reconstitute at 100 µg/mL in sterile, deionized water.

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GENE INFORMATION

Gene Name	SEMA7A semaphorin 7A, GPI membrane anchor (John Milton Hagen blood group) [Homo sapiens]
Official Symbol	SEMA7A
Synonyms	SEMA7A; semaphorin 7A, GPI membrane anchor (John Milton Hagen blood group); sema domain, immunoglobulin domain (Ig), and GPI membrane anchor, (semaphorin) 7A , sema domain, immunoglobulin domain (Ig), and GPI membrane anchor, (semaphorin) 7A (JMH blood group) , SEMAL; semaphorin-7A; CD108; H Sema K1; H Sema L; John Milton Hagen blood group; sema L; sema K1; semaphorin L; semaphorin-L; semaphorin K1; semaphorin-K1; JMH blood group antigen; John Milton Hagen blood group H-Sema K1; john-Milton-Hagen human blood group Ag; sema domain, immunoglobulin domain (Ig), and GPI membrane anchor, 7A; sema domain, immunoglobulin domain (Ig), and GPI membrane anchor, (semaphorin) 7A (JMH blood group); JMH; SEMAL; CDw108; SEMAK1; H-Sema-L; H-SEMA-K1; MGC126692; MGC126696;
Gene ID	8482
mRNA Refseq	NM_001146029
Protein Refseq	NP_001139501
MIM	
UniProt ID	O75326
Chromosome Location	15q22.3-q23

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