Recombinant Human SEMA3A protein, Fc-tagged

Cat. No. SEMA3A-12H **Lot. No.** (See product label)

SPECIFICATION

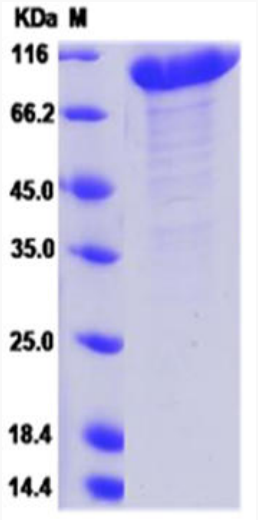
Product Overview	Recombinant Human SEMA3A protein(NP_006071.1) (Lys26-Phe546) was expressed in HEK293 with the Fc region of human IgG1 at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	26-546 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human SEMA3A consists 781 amino acids and predicts a molecular mass of 87.7 kDa.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	SEMA3A sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3A [Homo sapiens]
Official Symbol	SEMA3A
Synonyms	SEMA3A; sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3A; SEMAD; semaphorin-3A; coll 1; Hsema I; sema III; SEMA1; SemD; collapsin 1; semaphorin D; semaphorin L; semaphorin III; SEMAL; coll-1; Hsema-I; SEMAIII; Hsema-III; MGC133243;
Gene ID	10371
mRNA Refseq	NM_006080
Protein Refseq	NP_006071
MIM	603961
UniProt ID	Q14563

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SDS-PAGE	

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