Recombinant Human SEMA3A protein, His-tagged

Cat. No. SEMA3A-853H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEMA3A protein(Q14563)(Asn21-Val771), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Asn21-Val771
Tag	N-His
Form	Supplied as 0.22μm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Anti-SEMA3A Antibody at 5ug/ml (100ul/well) on the plate. Dose response curve for Human SEMA3A, His Tag with the EC50 of 1.30ug/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 87.7 kDa same as Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-

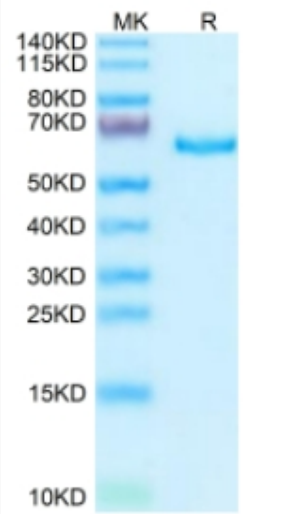
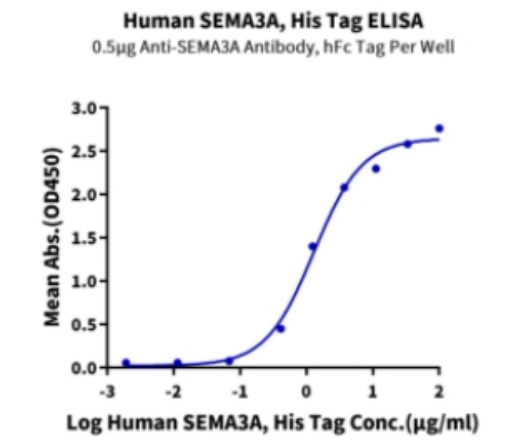
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	thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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Tris-Bis PAGE	
ELISA Data	

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