Recombinant Human SEMA4D protein, His-tagged

Cat. No. SEMA4D-6946H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SEMA4D aa. (Phe502~Phe636) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Phe502~Phe636
Form	Freeze-dried powder
Molecular Mass	18kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 8.8.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

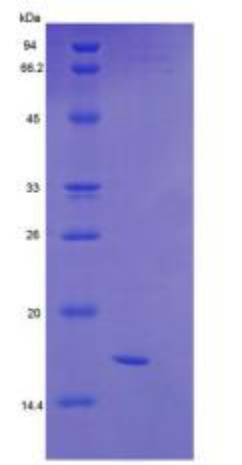
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200ug/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	SEMA4D semaphorin 4D [Homo sapiens (human)]
Official Symbol	SEMA4D
Synonyms	SEMA4D; semaphorin 4D; CD100; SEMAJ; coll-4; C9orf164; M-sema-G; semaphorin-4D; A8; BB18; GR3; sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D; sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, 4D
Gene ID	10507
mRNA Refseq	NM_001142287.1
Protein Refseq	NP_001135759.1
UniProt ID	Q92854

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SDS-PAGE	

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