

Recombinant Rat Sema4d protein, His & GST-tagged

Cat. No. Sema4d-6948R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Sema4d aa. (Leu145~Gly494 (Accession # D3ZYR4)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Leu145~Gly494
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 68.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 7.2.
Applications	SDS-PAGE; WB; ELISA; IP
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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

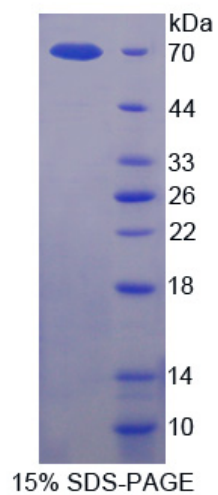
Gene Name	Sema4d semaphorin 4D [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Sema4d
Synonyms	Sema4d; semaphorin 4D; sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D
Gene ID	306790
mRNA Refseq	NM_001170563.1
Protein Refseq	NP_001164034.1
UniProt ID	D3ZYR4

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SDS-PAGE



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