

## Recombinant Human SEMA4B protein, His & GST-tagged

Cat. No. SEMA4B-1541H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SEMA4B aa. (Gln644~Val832 (Accession # Q9NPR2)) fused with N-terminal His & GST tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gln644~Val832
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 53.2kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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-80°C for 12 months.

**Storage buffer** Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

**Reconstitution** Reconstitute in sterile PBS, pH7.2-pH7.4.

**Isoelectric Point** 6.2

## GENE INFORMATION

**Gene Name** [SEMA4B semaphorin 4B \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [SEMA4B](#)

**Synonyms** SEMA4B; semaphorin 4B; SemC; SEMAC; semaphorin-4B; sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B; sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, 4B

**Gene ID** [10509](#)

**mRNA Refseq** [NM\\_020210.3](#)

**Protein Refseq** [NP\\_064595.2](#)

**UniProt ID** [Q9NPR2](#)

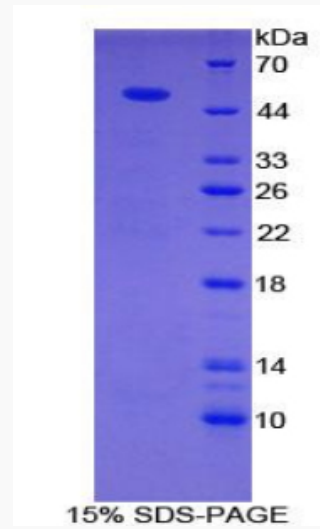
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SDS-PAGE



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