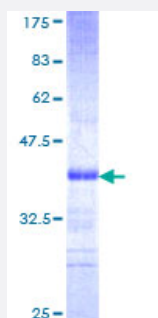


SEMA4B (Human) Recombinant Protein (Q01)

Catalog # H00010509-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SEMA4B partial ORF (NP_064595, 592 a.a. - 689 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GEKPCEQVQFQPNVTNLACPLLSNLATRLWLRNGAPVNASASCHVLPTGDLLLVTGQQLGEFQ CWSLEEGFQQLVASYCPEVVEDGVADQTDEGGSV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Interspecies Antigen Sequence	Mouse (84); Rat (84)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SEMA4B

Entrez GeneID	10509
GeneBank Accession#	NM_020210
Protein Accession#	NP_064595
Gene Name	SEMA4B
Gene Alias	KIAA1745, MGC131831, SEMAC, SemC
Gene Description	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B
Gene Ontology	Hyperlink
Gene Summary	sema domain
Other Designations	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, 4B semaphorin 4B

Pathway

- [Axon guidance](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)