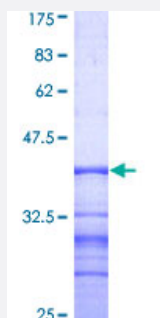


SEMA4D (Human) Recombinant Protein (Q01)

Catalog # H00010507-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SEMA4D partial ORF (AAH54500, 115 a.a. - 224 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LQPLSATSLYVCGTNAFQPACDHLNLTSEKFLGKNEDGKGRCPFDPAHSYTSVMVDGELYSGTS YNFLGSEPIISRNSSSHSPLRTEYAIPWLNPSFVFADVIRKSPDSP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.73
Interspecies Antigen Sequence	Mouse (94); Rat (95)
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 — SEMA4D

Entrez GeneID	10507
GeneBank Accession#	BC054500
Protein Accession#	AAH54500
Gene Name	SEMA4D
Gene Alias	C9orf164, CD100, FLJ33485, FLJ34282, FLJ39737, FLJ46484, M-sema-G, MGC169138, MGC169141, SEMAJ, coll-4
Gene Description	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D
Omim ID	601866
Gene Ontology	Hyperlink
Gene Summary	sema domain
Other Designations	OTTHUMP00000021622 OTTHUMP00000070035 sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, 4D semaphorin 4D

Pathway

- [Axon guidance](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)