

SEMA3D (Human) Recombinant Protein (Q01)

Catalog # H00223117-Q01

Size 25 ug, 10 ug

Applications

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Specification

Product Description	Human SEMA3D partial ORF (NP_689967, 674 a.a. - 777 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	HTIVKLTLNVIENEQMENTQRAEHEEGKVKDLLAESRLRYKDYIQLSSPNFSLDQYCEQMWHREKRRQRNKGGPWKHKMQEMKKKRNRRHHRDLDELPRAVAT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.18
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 — SEMA3D

Entrez GeneID	223117
GeneBank Accession#	NM_152754
Protein Accession#	NP_689967
Gene Name	SEMA3D
Gene Alias	MGC39708, Sema-Z2, coll-2
Gene Description	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3D
Omim ID	609907
Gene Ontology	Hyperlink
Gene Summary	SEMA3D
Other Designations	collapsin 2 semaphorin 3D

Pathway

- [Axon guidance](#)

Disease

- [Dominance](#)
- [Schizophrenia](#)