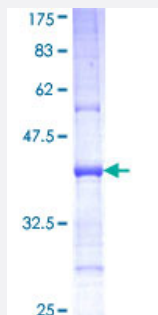


SEMA6C (Human) Recombinant Protein (Q01)

Catalog # H00010500-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SEMA6C partial ORF (NP_112175, 28 a.a. - 126 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	QDPLPLLISDLQGTSPWSFRGLEDDAVAAELGLDFQRFLTLNRTLLVAARDHVFSFDLQAEEEG EGLVPNKYLTWRSQDVENCAVRGKLTDECYNYIR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (84); Rat (85)
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 — SEMA6C

Entrez GeneID	10500
GeneBank Accession#	NM_030913
Protein Accession#	NP_112175
Gene Name	SEMA6C
Gene Alias	SEMA5, m-SemaY, m-SemaY2
Gene Description	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6C
Omim ID	609294
Gene Ontology	Hyperlink
Gene Summary	This gene product is a member of the semaphorin family of proteins. Semaphorins represent important molecular signals controlling multiple aspects of the cellular response that follows CNS injury, and thus may play an important role in neural regeneration. [provided by RefSeq]
Other Designations	OTTHUMP00000014154 OTTHUMP00000014157 semaphorin Y

Pathway

- [Axon guidance](#)

Disease

- [Dominance](#)

- [Schizophrenia](#)