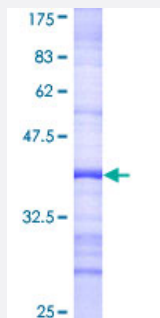


ELMO1 (Human) Recombinant Protein (Q01)

Catalog # H00009844-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ELMO1 partial ORF (AAH03051, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MQVVKEQVMRALTTKPSSLDQFKSKLQNLSTEILKIRQSERMNQEDFQSRPILELKEKIQPEILELIKQQLNRLVEGTCFRKLNARRRQDKFWYCRLS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (99); Rat (99)
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 — ELMO1

Entrez GeneID [9844](#)

GeneBank Accession# [BC003051](#)

Protein Accession# [AAH03051](#)

Gene Name ELMO1

Gene Alias CED-12, CED12, ELMO-1, KIAA0281, MGC126406

Gene Description engulfment and cell motility 1

Omim ID [606420](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene interacts with the dedicator of cyto-kinesis 1 protein to promote phagocytosis and effect cell shape changes. Similarity to a C. elegans protein suggests that this protein may function in apoptosis and in cell migration. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations ced-12 homolog 1

Pathway

- [Chemokine signaling pathway](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Ovarian cancer](#)
- [Tobacco Use Disorder](#)