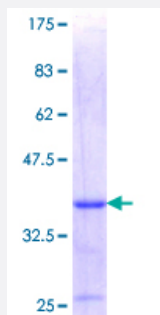


LIMS1 (Human) Recombinant Protein (Q01)

Catalog # H00003987-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human LIMS1 partial ORF (NP_004978.2, 226 a.a. - 325 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	FLGHRHYERKGLAYCETHYNQLFGDVCFHCHNRVIEGDVVSALNKAWCVNCFACSTCNTKLT LKN KFVEFDMKPVCKKCYEKFPLELKKRLKKLAETLGRK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (98); Rat (98)
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 — LIMS1

Entrez GeneID [3987](#)

GeneBank Accession# [NM_004987](#)

Protein Accession# [NP_004978.2](#)

Gene Name LIMS1

Gene Alias PINCH, PINCH1

Gene Description LIM and senescent cell antigen-like domains 1

Omim ID [602567](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is an adaptor protein which contains five LIM domains, or double zinc fingers. The protein is likely involved in integrin signaling through its LIM domain-mediated interaction with integrin-linked kinase, found in focal adhesion plaques. It is also thought to act as a bridge linking integrin-linked kinase to NCK adaptor protein 2, which is involved in growth factor receptor kinase signaling pathways. Its localization to the periphery of spreading cells also suggests that this protein may play a role in integrin-mediated cell adhesion or spreading. [provided by RefSeq]

Other Designations OTTHUMP00000161608