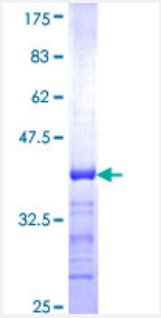
CLASP1 (Human) Recombinant Protein (Q01)

Catalog # H00023332-Q01 Size 10 ug, 25 ug

Applications



Specification

Product Description	Human CLASP1 partial ORF (NP_056097, 1133 a.a. - 1226 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DGLAKHPPPFSQPNSIPTAPSHKALRRSYSPSMLDYDTENLNSEEIYSSLRGVTEAIEKFSFRSQE DLNEPIKRDGKKECDIVSRDGGAASPAT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.08
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 — CLASP1

Entrez GeneID	23332
GeneBank Accession#	NM_015282
Protein Accession#	NP_056097
Gene Name	CLASP1
Gene Alias	DKFZp686D1968, DKFZp686H2039, FLJ33821, FLJ41222, KIAA0622, MAST1, MGC131895
Gene Description	cytoplasmic linker associated protein 1
Omim ID	605852
Gene Ontology	Hyperlink
Gene Summary	CLASPs, such as CLASP1, are nonmotor microtubule-associated proteins that interact with CLIPs (e.g., CLIP170; MIM 179838). CLASP1 is involved in the regulation of microtubule dynamics at the kinetochore and throughout the spindle (Maiato et al., 2003 [PubMed 12837247]).[supplied by OMIM
Other Designations	CLIP-associating protein 1|multiple asters 1

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema