

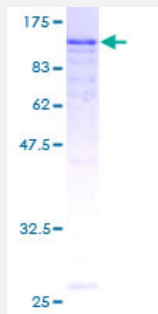
Full-Length

EPLIN (Human) Recombinant Protein (P01)

Catalog # H00051474-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human EPLIN full-length ORF (AAH01247, 1 a.a. - 598 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MENCLGESRHEVEKSEISENTDASGKIEKYNVPLNRLKMMFEKGEPTQTKILRAQSRASGRKISE
NSYSLDDLEIGPGQLSSSTFDSEKNESRRNLELPRLSETSIKDRMAKYQAAVSKQSSSTNYTNELK
ASGGEIKHKMEQKENVPPGPEVCITHQEGEKISANENSLAVRSTPAEDDSRDSQVKSEVQQPVH
PKPLSPDSRASSLSESSPPKAMKFQAPARETCVECQKTVYPMERLLANQQVFHISCFRCSYCNN
KLSLGTYASLHGRIYCKPHFNQLFKSKGNVDEGFGHRPHKDLWASKNENEEILERPAQLANARET
PHSPGVEDAPIAKVGVLAASMEAKASSQKEKEDKPAETKKLRIAWPPPTTELGSSGSALEEGIKM
SKPKWPPPEDEISKPEVPEDVDLDLKKLRRSSSLKERSRPFTVAASFQSTSVKSPKTVSPPIRKG
WSMSEQSEESVGGRAERKQVENAKASKKNGNVGKTTWQNKESKGETGKRSKEGHSLEMEN
ENLVENGADSDDEDDNSFLKQQSPQEPKSLNWSSFVDNTFAEEFTTQNQKSQDVELWEGEVVK
ELSVEEQIKRNRYYDEDEDEE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

91.52

Interspecies Antigen Sequence

Mouse (78); Rat (73)

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 — LIMA1

Entrez GeneID	51474
GeneBank Accession#	BC001247
Protein Accession#	AAH01247
Gene Name	LIMA1
Gene Alias	EPLIN, FLJ38853, MGC131726, SREBP3
Gene Description	LIM domain and actin binding 1
Omim ID	608364
Gene Ontology	Hyperlink
Gene Summary	EPLIN is a cytoskeleton-associated protein that inhibits actin filament depolymerization and cross-links filaments in bundles (Maul et al., 2003 [PubMed 12566430]).[supplied by OMIM]
Other Designations	1110021C24Rik epithelial protein lost in neoplasm beta sterol regulatory element binding protein 3