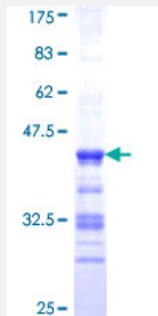


ABLIM1 (Human) Recombinant Protein (Q01)

Catalog # H00003983-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ABLIM1 partial ORF (NP_002304, 637 a.a. - 736 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RYDSPINSASHIPSSKTASLPGYGRNGLHRPVSTDFAQYNSYGDVSGGVVDYQTLPDGHMPAMR MDRGVSMPNMLEPKIFPYEMLMVTNRGRNKILREVD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (92)
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 — ABLIM1

Entrez GeneID	3983
GeneBank Accession#	NM_002313
Protein Accession#	NP_002304
Gene Name	ABLIM1
Gene Alias	ABLIM, DKFZp781D0148, FLJ14564, KIAA0059, LIMAB1, LIMATIN, MGC1224
Gene Description	actin binding LIM protein 1
Omim ID	602330
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a cytoskeletal LIM protein that binds to actin filaments via a domain that is homologous to erythrocyte dematin. LIM domains, found in over 60 proteins, play key roles in the regulation of developmental pathways. LIM domains also function as protein-binding interfaces, mediating specific protein-protein interactions. The protein encoded by this gene could mediate such interactions between actin filaments and cytoplasmic targets. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]
Other Designations	LIM actin-binding protein 1 OTTHUMP00000020530 OTTHUMP00000020531 OTTHUMP00000020536 actin-binding LIM protein 1 actin-binding double-zinc-finger protein

Pathway

- [Axon guidance](#)

Disease

- [Alzheimer Disease](#)
- [Arthritis](#)
- [Bipolar Disorder](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)