

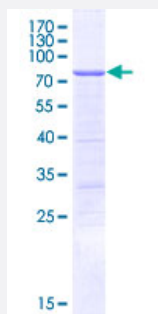
Full-Length

CLNK (Human) Recombinant Protein (P01)

Catalog # H00116449-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CLNK full-length ORF (BAG52635.1, 1 a.a. - 428 a.a.) recombinant protein with GST tag at N-terminal.

Sequence

MNRQGNRKTTKEGSNDLKFQNFSLPKNRSWPRINSATGQYQRMNKPLLDWERNFAAVLDGAKG
HSDDDYDDPELRMEETWQSIKILPARPIKESEYADTHYFKVAMDTPLPLDTRTSISIGQPTWNTQTR
LERVDKPISKDVR SQNIKGDA SVRKNKIPLPPRPLITLPKKYQPLPPEPESSRPPLSQRHTFPEV
QRMPSQISLRDLSEVLEAEKVPHNQRPKPESTHLLNQNTQEIPLAISSSSFTTSNHSVQNRDHRG
GMQPCSPQRCQPPASCSPHENILPYKYTSWRPPFPKRSDRKDVQHNEWYIGEYSRQAVEEAFM
KENKDGSLVRDCSTKSKEEPYVLAVFYENKVYNVKIRFLERNQQFALGTGLRGDEKFDSDVEDIIE
HYKNFPIILIDGDKDTGVHRKQCHLTQPLPLTRHLLPL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

76

Interspecies Antigen Sequence

Mouse (62); Rat (61)

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 — CLNK

Entrez GeneID	116449
GeneBank Accession#	AK093001.1
Protein Accession#	BAG52635.1
Gene Name	CLNK
Gene Alias	MGC35197, MIST
Gene Description	cytokine-dependent hematopoietic cell linker
Omim ID	611434
Gene Ontology	Hyperlink
Gene Summary	MIST is a member of the SLP76 family of adaptors (see LCP2, MIM 601603; BLNK, MIM 604515). MIST plays a role in the regulation of immunoreceptor signaling, including PLC-gamma (PLCG1 ; MIM 172420)-mediated B cell antigen receptor (BCR) signaling and FC-epsilon R1 (see FCER 1A, MIM 147140)-mediated mast cell degranulation (Cao et al., 1999 [PubMed 10562326]; Goitsuka et al., 2000, 2001 [PubMed 10744659] [PubMed 11463797]).[supplied by OMIM]
Other Designations	mast cell immunoreceptor signal transducer

Disease

- [Amyotrophic Lateral Sclerosis](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)