

Lymphocyte Antigen 96 (LY96) Recombinant Protein | LY96 recombinant protein

Recombinant Lymphocyte Antigen 96 (LY96)

CATALOG # AAA134187	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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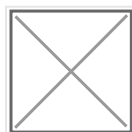
PRODUCT SYNONYMS

Lymphocyte Antigen 96 (LY96); Recombinant Lymphocyte Antigen 96 (LY96); LY96 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in 10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and preservative
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHSSEF-TE SEKQQWFCNS SDAIISYSYC DHLKFPISIS SEPCIRLRGT NGFVHVEFIP RGNLKYLYFN LFISVNSIEL PKRKEVLCHG HDDDYSFCRA LKGETVNTSI PFSFEGILFP KGHYRCVAEA IAGDTEEKLF CLNFTIIHRR DVN
Sequence Length	142
Applicable Applications for LY96 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Thr16~Asn160 (Accession # Q9JHF9) with N-terminal His-Tag
Subcellular Location	Secreted, extracellular space
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	6.4
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Reconstitution/Usage	Reconstitute in sterile ddH ₂ O.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	228008385
NCBI GeneID	17087
NCBI Accession #	NP_001153183.1
NCBI GenBank Nucleotide #	NM_001159711.1
UniProt Accession #	Q9JHF9
NCBI Official Full Name	lymphocyte antigen 96 isoform B
NCBI Official Synonym Full Names	lymphocyte antigen 96
NCBI Official Symbol	Ly96
NCBI Official Synonym Symbols	MD2; MD-2; ESOP-1
NCBI Protein Information	lymphocyte antigen 96; ly-96; protein MD-2; myeloid differentiation factor-2; myeloid differentiation protein-2
UniProt Protein Name	Lymphocyte antigen 96
UniProt Gene Name	Ly96
UniProt Synonym Gene Names	Esop1; Md2; Ly-96
UniProt Entry Name	LY96_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ly96-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134187>