

Recombinant Human LY9 protein, His-tagged

Cat. No. LY9-1791H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LY9 aa. (Val2~Thr212 (Accession # Q9HBG7)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Val2~Thr212
Description	LY9 belongs to the SLAM family of immunomodulatory receptors (see SLAMF1; MIM 603492) and interacts with the adaptor molecule SAP (SH2D1A; MIM 300490) (Graham et al., 2006 [PubMed 16365421]).
Form	Freeze-dried powder
Molecular Mass	25 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.1.
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	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°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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	LY9 lymphocyte antigen 9 [Homo sapiens (human)]
Official Symbol	LY9
Synonyms	LY9; lymphocyte antigen 9; hly9; mLY9; CD229; SLAMF3; T-lymphocyte surface antigen Ly-9; SLAM family member 3; cell surface molecule Ly-9; signaling lymphocytic activation molecule 3
Gene ID	4063
mRNA Refseq	NM_001033667.2
Protein Refseq	NP_001028839.1
UniProt ID	Q9HBG7