

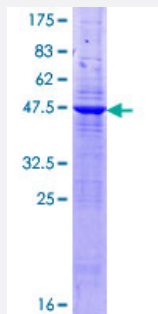
Full-Length

LY9 (Human) Recombinant Protein (P01)

Catalog # H00004063-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human LY9 full-length ORF (NP_001028839.1, 1 a.a. - 193 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MVAPKSHTDDWAPGPFSSKPQRSQLQIFSSVLQTSLLFLLMGLRASGKDSAPTVVSGILGGSVTL PLNISVDTEIENVIWIGPKNALAFARPKENVTIMVKSylGRLDITKWSYSLCISNLTNDAGSYKAQIN QRNFEVTTTEEEFTLFVYAPFIEKLSVHVIEGDHRTLLEGSGLESIISTLAEP RVSVREG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	47.6
Interspecies Antigen Sequence	Mouse (56); Rat (53)
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 — LY9

Entrez GeneID	4063
GeneBank Accession#	NM_001033667.1
Protein Accession#	NP_001028839.1
Gene Name	LY9
Gene Alias	CD229, SLAMF3, hly9, mLY9
Gene Description	lymphocyte antigen 9
Omim ID	600684
Gene Ontology	Hyperlink
Gene Summary	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]).[supplied by OMIM]
Other Designations	OTTHUMP00000025675 T-lymphocyte surface antigen Ly-9 cell-surface molecule Ly-9

Disease

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)