

Recombinant Human LY9

Cat. No. LY9-27109TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CD229, isoform b (1-193 amino acids) with N-terminal proprietary tag. Predicted MW 47.30kDa.
Species	Human
Source	Wheat Germ
ProteinLength	193 amino acids
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.
Molecular Weight	47.300kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino	MVAPKSHTDD WAPGPFSSKP QRSQLQIFSS VLQTSLLFLL MGLRASGKDS

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acids APTVVSGILG GSVTLPLNIS VDTEIENVIW IGPKNALAFA RPKENVTIMV
KSYLGRDLIT KWSYSLCISN LTLNDAGSYK AQINQRNFEV TTEEEFTLFV
YAPFIEKLSV HVIEGDHRTL LEGSGLESII STLAEPRVSV REG

Sequence Contains 2 Ig-like C2-type (immunoglobulin-like) domains.Contains 2 Ig-like V-type
Similarities (immunoglobulin-like) domains.

GENE INFORMATION

Gene Name LY9 lymphocyte antigen 9 [Homo sapiens]

Official Symbol LY9

Synonyms LY9; lymphocyte antigen 9; T-lymphocyte surface antigen Ly-9; CD229; hly9; mLY9;
SLAMF3;

Gene ID 4063

mRNA Refseq NM_001033667

Protein Refseq NP_001028839

MIM 600684

Uniprot ID Q9HBG7

**Chromosome
Location** 1q23.3

Function molecular_function; receptor activity;

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