

## Active Recombinant Mouse Ly9, His-tagged

Cat. No. Ly9-353M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Ly9 (Accession # AAH95921) Lys48-Phe454, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	48-454 a.a.
<b>Predicted N Terminal</b>	Lys48
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	Measured by its ability to enhance anti-CD3-induced proliferation of mouse CD3+ T cells. The ED50 for this effect is typically 0.5 - 2.5 µg/mL.
<b>Molecular Mass</b>	Recombinant Mouse Ly9, His-tagged has a calculated MW of 46 kDa. In SDS-PAGE migrates as 60-80 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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## GENE INFORMATION

<b>Gene Name</b>	Ly9 lymphocyte antigen 9 [ Mus musculus ]
<b>Official Symbol</b>	Ly9
<b>Synonyms</b>	LY9; lymphocyte antigen 9; T-lymphocyte surface antigen Ly-9; cell surface molecule Ly-9; cell-surface molecule Ly-9; Ly-9; T100; CD229; Lgp100; SLAMF3; AI893573;
<b>Gene ID</b>	17085
<b>mRNA Refseq</b>	NM_008534
<b>Protein Refseq</b>	NP_032560
<b>MIM</b>	

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