

Active Recombinant Mouse Ly9, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Ly9 (Accession # AAH95921) Lys48-Phe454, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	48-454 a.a.
Predicted N Terminal	Lys48
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	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.
Molecular Mass	Recombinant Mouse Ly9, His-tagged has a calculated MW of 46 kDa. In SDS-PAGE migrates as 60-80 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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

Gene Name	Ly9 lymphocyte antigen 9 [Mus musculus]
Official Symbol	Ly9
Synonyms	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;
Gene ID	17085
mRNA Refseq	NM_008534
Protein Refseq	NP_032560
MIM	

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