Recombinant Mouse Ly9 protein(Met1-Arg453), His-tagged

Cat. No. Ly9-4035M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ly9 (NP_032560.2) (Met 1-Arg 453) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-453 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse Ly9 consists of 417 amino acids and has a predicted molecular mass of 46.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmLy9 is approximately 65 kDa due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

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