

Recombinant Mouse Ly9 Protein, C-His-tagged

Product Information

Cat	IMP-1352
Official Symbol	Ly9
Product Overview	Recombinant extracellular domain of mouse Ly9 (NP_032560.2) (Met 1-Arg 453) was expressed, with a polyhistidine tag at the C-terminus.
Description	Predicted to be involved in T-helper 17 cell lineage commitment and positive regulation of interleukin-17 production. Predicted to act upstream of or within adaptive immune response; cell adhesion; and innate immune response. Located in cell surface. Orthologous to human LY9 (lymphocyte antigen 9).
Expression System	HEK293
Species	Mouse
Tag	C-His
Predicted N Terminal	Lys 48
Form	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5% mannitol and 0.01% Tween80.
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.
Protein length	Met1-Arg453
Endotoxin	< 1.0 EU/μg 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 to -80 centigrade. Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
SDS-PAGE	

