

Recombinant Human LY9 protein, His-Avi-tagged, Biotinylated

Cat. No. LY9-1678H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human LY9 protein(Q9HBG7-1)(Lys48-Lys454), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Lys48-Lys454
Tag	C-His-Avi
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	
Molecular Mass	The protein has a predicted MW of 47.7 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.

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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Conjugation	Biotin
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; cell surface molecule Ly-9; cell-surface molecule Ly-9;
Gene ID	4063
mRNA Refseq	NM_001033667
Protein Refseq	NP_001028839
MIM	600684
UniProt ID	Q9HBG7

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