

Active Recombinant Human Ly9 protein, His-tagged

Cat. No. CD229-323H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Ly9 protein(Lys 48 - Lys 454), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	48-454 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CD229, His Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human CD229, His,Avitag with a linear range of 0.039-2.5 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 46.7 kDa. The protein migrates as 60-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Lys48-Lys454
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Storage For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 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 [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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