

Datasheet for ABIN6253525
LY9 Protein (AA 48-454) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	LY9 (CD229)
Protein Characteristics:	AA 48-454
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LY9 protein is labelled with His tag.

Product Details

Sequence:	AA 48-454
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	LY9 (CD229)
Alternative Name:	CD229 (CD229 Products)
Background:	CD229, also known as Ly9 and SLAMF3, is a 120 kDa type I transmembrane glycoprotein in the SLAM subgroup of the CD2 family. Signaling lymphocyte activation molecule (SLAM) family receptors are critically involved in modulating innate and adaptive immune responses. CD229 is expressed on T and B cells, thymocytes, and more weakly on NK cells. Homophilic binding between CD229 Molecules is mediated by the N-terminal Ig-like domain.

Target Details

Molecular Weight: 46.7 kDa

NCBI Accession: [NP_002339](#)

Pathways: [BCR Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

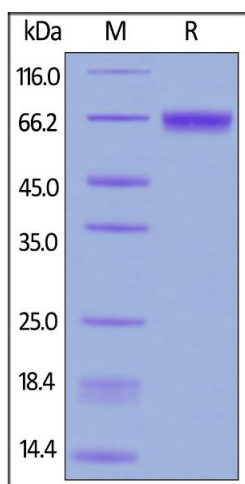
Format: Lyophilized

Buffer: PBS, pH 7.4

Handling Advice: Please avoid repeated freeze-thaw cycles.

Storage: -20 °C

Images



SDS-PAGE

Image 1. Human CD229, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .