

[Go to Product page](#)

Datasheet for ABIN7454177

LY96 Protein (AA 19-160) (His tag)

Overview

Quantity:	100 µg
Target:	LY96
Protein Characteristics:	AA 19-160
Origin:	Cynomolgus
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This LY96 protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus MD2 Protein
Sequence:	Gln19-Asn160
Characteristics:	Recombinant Cynomolgus MD2 Protein is expressed from E.coli with His tag at the C-Terminus. It contains Gln19-Asn160.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	LY96
Alternative Name:	MD2 (LY96 Products)

Target Details

Background:	MD2, a 160-residue accessory glycoprotein, is responsible for the recognition and binding of Gram-negative bacterial membrane component, lipopolysaccharide (LPS). Internalization of pathogen inside the mononuclear phagocytes has also been attributed to MD2 which leads to the clearance of pathogens from the host.
Molecular Weight:	17.97 kDa same as Tris-Bis PAGE result.
UniProt:	B3Y6B0
Pathways:	TLR Signaling , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Toll-Like Receptors Cascades

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in 4 mM HCL.
Buffer:	Lyophilized from 0.22µm filtered solution in 4 mM HCL. Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months