Datasheet for ABIN7320047

LY96 Protein (Fc Tag)

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Overview

Quantity:	100 µg
Target:	LY96
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LY96 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Mouse LY-96/ESOP-1 Protein (Fc Tag)
Sequence:	Met1-Asn160
Characteristics:	A DNA sequence encoding the mouse LY96 (Q9JHF9) (Met1-Asn160) was expressed with the Fc region of human IgG1 at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	LY96
Alternative Name:	LY-96/ESOP-1 (LY96 Products)
Background:	Background: LY-96, also known as ESOP-1, is a protein which associates with toll-like receptor 4 on the cell surface and confers responsiveness to lipopolysaccyaride (LPS). LY-96 also cooperates with TLR2 in the response to cell wall components from Gram-positive and Gram-

Target Details

	negative bacteria. It enhances TLR4-dependent activation of NF-kappa-B. ESOP-1 has 160 amino acids, the sequence of which shows 64 % identity with human ESOP-1/MD-2. ESOP-1 mRNA is highly expressed in the mouse embryos at 7.5 days after coitus. Synonym: ESOP-1,MD-2,MD2
Molecular Weight:	43.4 kDa
UniProt:	Q9JHF9
Pathways:	TLR Signaling, Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Toll-Like Receptors Cascades

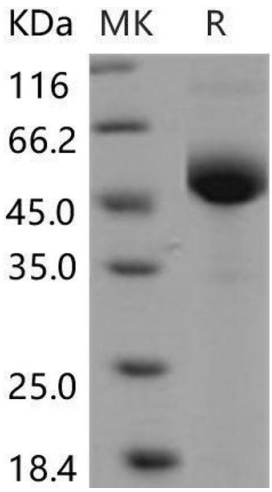
Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Images



Western Blotting

Image 1.