

Recombinant Human LY96 protein, MYC/DDK-tagged

Cat. No. LY96-327H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LY96 fused with MYC/DDK tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein which associates with toll-like receptor 4 on the cell surface and confers responsiveness to lipopolysaccharide (LPS), thus providing a link between the receptor and LPS signaling. Studies of the mouse ortholog suggest that this gene may be involved in endotoxin neutralization. Alternative splicing results in multiple transcript variants encoding different isoforms.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	18.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	LY96 lymphocyte antigen 96 [Homo sapiens]
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Official Symbol	LY96
Synonyms	MD2; MD-2; ly-96; ESOP-1; lymphocyte antigen 96; myeloid differentiation protein-2; protein MD-2
Gene ID	23643
mRNA Refseq	NM_015364
Protein Refseq	NP_056179
MIM	605243
UniProt ID	Q9Y6Y9
Chromosome Location	8q21.11
Pathway	Activated TLR4 signalling, organism-specific biosystem; Activation of IRF3/IRF7 mediated by TBK1/IKK epsilon, organism-specific biosystem; Diseases associated with the TLR signaling cascade, organism-specific biosystem
Function	coreceptor activity; lipopolysaccharide receptor activity; protein binding

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