

Recombinant Full Length Human LY96 Protein, C-Flag-tagged

Cat. No. LY96-1707HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human LY96 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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
AA Sequence	MLPFLFFSTLFSSIFTEAQKQYWVCNSSDASISYTYCDKMQYPISINVNPCIELKGSK GLLHIFYIPRRD LKQLYFNLYITVNTMNLPKRKEVICRGSDDDYSFCRALKGETVNTTI SFSFKGIKFSKGKYKCVVEAISG SPEEMLCLEFVILHQPNSNTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and

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	handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Secreted Protein
Protein Pathways	Pathogenic Escherichia coli infection, Toll-like receptor signaling pathway
Full Length	Full L.

GENE INFORMATION

Gene Name	LY96 lymphocyte antigen 96 [Homo sapiens (human)]
Official Symbol	LY96
Synonyms	MD2; MD-2; ly-96; ESOP-1
Gene ID	23643
mRNA Refseq	NM_015364.5
Protein Refseq	NP_056179.4
MIM	605243

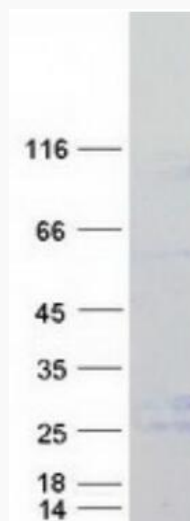
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UniProt ID

Q9Y6Y9



Coomassie blue staining of purified LY96 protein.

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