

Recombinant Human LY96, GST-tagged

Cat. No. LY96-154H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LY96(19 a.a. - 160 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	Wheat Germ
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.
Molecular Mass	41.36 kDa
AA Sequence	QKQYWVCNSSDASISYTYCDKMQYPISINVNPCIELKGSKGLLHIFYIPRRDLKQLYF NLYITVNTMNLPKRKEV ICRGSDDDYSFCRALKGETVNTTISFSFKGIKFSKGKYKCV VEAISGSPEEMLFCLEFVILHQPNSN
Applications	ELISA; WB-Re; AP; Array
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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GENE INFORMATION

Gene Name	LY96 lymphocyte antigen 96 [Homo sapiens]
Official Symbol	LY96
Synonyms	LY96; lymphocyte antigen 96; MD2; MD-2; ly-96; ESOP-1; myeloid differentiation protein-2; MD-2 protein; protein MD-2
Gene ID	23643
mRNA Refseq	NM_015364
Protein Refseq	NP_056179
MIM	605243
UniProt ID	Q9Y6Y9
Chromosome Location	8q21.11
Pathway	Pathogenic Escherichia coli infection; Toll-like receptor signaling pathway; Signaling in Immune system
Function	coreceptor activity; lipopolysaccharide receptor activity; protein binding

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