

Recombinant Mouse Ly96 Protein, Myc/DDK-tagged

Cat. No. Ly96-3875M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length lymphocyte antigen 96 (Ly96), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Binds bacterial lipopolysaccharide (LPS). Cooperates with TLR4 in the innate immune response to bacterial lipopolysaccharide (LPS), and with TLR2 in the response to cell wall components from Gram-positive and Gram-negative bacteria. Enhances TLR4-dependent activation of NF-kappa-B. Cells expressing both LY96 and TLR4, but not TLR4 alone, respond to LPS.
Molecular Mass	18.4 kDa
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 handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



GENE INFORMATION

Gene Name	Ly96 lymphocyte antigen 96 [Mus musculus (house mouse)]
Official Symbol	Ly96
Synonyms	LY96; lymphocyte antigen 96; ly-96; protein MD-2; myeloid differentiation factor-2; myeloid differentiation protein-2; MD2; MD-2; ESOP-1; MGC151162
Gene ID	17087
mRNA Refseq	NM_016923
Protein Refseq	NP_058619
UniProt ID	Q9JHF9

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