

Product datasheet for **TP525297**

Ly96 (NM_016923) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse lymphocyte antigen 96 (Ly96), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225297 protein sequence Red =Cloning site Green =Tags(s)
	 MLPFILFSTLLSPILTESEKQQWFCNSSDAIISYSYCDHLKFPISISSEPCIRLRGTNGFVHVEFIPRGN LKLYLFNLFISVNSIELPKRKEVLCHGHDDDDYSFCRALKGETVNTSIPFSFEGILFPKGHYRCVAEAIAG DTEEKLFCLNFTIIHRRDVN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	18.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_058619
Locus ID:	17087
UniProt ID:	Q9JHF9 , Q14AM4
RefSeq Size:	603
Cytogenetics:	1 A3



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RefSeq ORF: 483

Synonyms: ESOP-1; MD-2; MD2

Summary: Binds bacterial lipopolysaccharide (LPS) (PubMed:22532668). 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 (PubMed:10725698).[UniProtKB/Swiss-Prot Function]