

Product datasheet for **RC230968L4V**

MD2 (LY96) (NM_001195797) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MD2 (LY96) (NM_001195797) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LY96
Synonyms:	ESOP-1; ly-96; MD-2; MD2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001195797
ORF Size:	390 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230968).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001195797.1 , NP_001182726.1
RefSeq Size:	552 bp
RefSeq ORF:	393 bp
Locus ID:	23643
UniProt ID:	Q9Y6Y9
Cytogenetics:	8q21.11
Protein Families:	Secreted Protein
Protein Pathways:	Pathogenic Escherichia coli infection, Toll-like receptor signaling pathway



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MW: 14.9 kDa

Gene Summary: 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. [provided by RefSeq, Sep 2010]