

## Recombinant Mouse LY96 protein(Met1-Asn160), hFc-tagged

**Cat. No.** LY96-2340M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse LY96 (Q9JHF9) (Met1-Asn160) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Asn160
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant mouse LY96/Fc is a disulfide-linked homodimer. The reduced monomer comprises 383 amino acids and has a predicted molecular mass of 43.4 kDa. The apparent molecular mass of the protein is approximately 47 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** Ly96 lymphocyte antigen 96 [ *Mus musculus* ]

**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\_001159711

**Protein Refseq** NP\_001153183

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