

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

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

SPECIFICATION

Product Overview	Recombinant Mouse LY96 (Q9JHF9) (Met1-Asn160) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Asn160
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	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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