

Recombinant Mouse LY-96 / ESOP-1 Protein (Fc tag)

Cat.NO.: TP07364

3th Edition

Synonyms:ESOP-1;MD-2;MD2

Description:LY-96, also known as ESOP-1, is a protein which associates with toll-like receptor 4 on the cell surface and confers responsiveness to lipopolysaccharide (LPS). LY-96 also cooperates with TLR2 in the response to cell wall components from Gram-positive and Gram-negative bacteria. It enhances TLR4-dependent activation of NF-kappa-B. ESOP-1 has 160 amino acids, the sequence of which shows 64% identity with human ESOP-1/MD-2. ESOP-1 mRNA is highly expressed in the mouse embryos at 7.5 days after coitus.

Form:PBS

Molecular Weight:43.4 kDa

Sequences:Met1-Asn160

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.