

Mouse CD36/SR-B3 Protein

Cat. No. CD3-MM136

Description

Source	Recombinant Mouse CD36/SR-B3 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gly30-Lys439.
Accession	Q08857
Molecular Weight	The protein has a predicted MW of 47.2 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

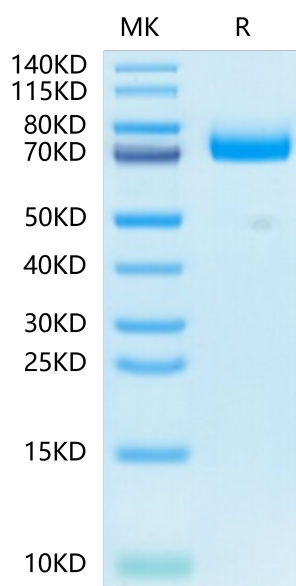
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu\text{g}/\text{ml}$ is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

CD36 (cluster of differentiation 36), also known as platelet glycoprotein 4, is a protein that in humans is encoded by the CD36 gene. The CD36 antigen is an integral membrane protein found on the surface of many cell types in vertebrate animals. It imports fatty acids inside cells and is a member of the class B scavenger receptor family of cell surface proteins.

Assay Data

Bis-Tris PAGE



Mouse CD36 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.