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Recombinant Mouse SR-B3/CD36 Protein

Catalog No.: RP02049 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	12491	Q08857

Tags
C-His

Synonyms
FAT; GPIV; Scarb3; CD36

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Reconstitution
Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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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.

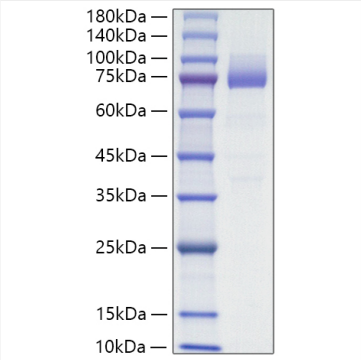
Basic Information

Description
Recombinant Human Siglec-10 Protein is produced by mammalian expression system. The target protein is expressed with sequence (Gly30Lys439) of mouse CD36 (Accession #Q08857) fused with a 6xHis tag at the C-terminus.

Bio-Activity

Storage
Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.
Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Mouse SR-B3/CD36 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 60-100 kDa.