



AVISCERA BIOSCIENCE

Human Soluble CD36 Recombinant

Product Information

Code	00196-07-10
Name	Soluble CD36 (Human), Rec.
Lot No.	
Size	10 µg
Species	Human
Sequence	Gly30-Asn439
Protein ID	NP_000063
Gene ID	NM_000072
MW	70-80 KD (glycosylated) in SDS-PAGE gel under reduce condition
Tag	His tag on C terminus
Source	Human cells
Purity	>98% in SDS-PAGE gel PBS lyophilized
Formulation	form without preservatives
Carry	Free
Storage	-70° C
Reconstitution	PBS, 50 µl
Application	Cell Biology

Description

A DNA sequence encoding the extracellular domain of human CD36 (Gly³⁰-Asn⁴³⁹) with polyhistidine tag on the C-Terminus was expressed in human HEK293 cells. The recombinant human Soluble CD36 has a calculated MW of 48 kDa. Due to glycosylation, the human soluble CD36 migrates as an approximately 70-80 kDa protein in SDS-PAGE under reduce condition.

Formulation

Lyophilized 10 µg human soluble CD36 in 50 µl of 0.2 µm filtered solution in PBS. Carry free.

Endotoxin Levels

< 1.0 EU per 1 µg of the protein by the LAL method.

Bioactivity

Measured by its binding ability in a functional ELISA. Coated human soluble CD36 at 200 ng/ well can bind human TSP2 his tag with a linear range of 0.01-1 µg/mL

Reconstitution & Storage

Add 50 µl PBS to the vial to prepare a working stock solution at 200 µg/mL. Allow to set at least 30 minutes at 4° C, mix well.

Store lyophilized protein at -20° C or -70° C. Lyophilized protein is stable for up to 6 months from date of receipt at -20° C to -70° C. Upon reconstitution, this protein can be stored at -20° C for a few weeks or at -70° C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Sequence: Human CD36, extracellular domain (Gly30-Asn439)

ORDER INFORMATION
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