



AVISCERA BIOSCIENCE

Human Soluble CD146 Rec.

Product Information

Code	00628-02-50
Name	Soluble CD146 (Human), Rec.
Lot No.	
Size	50 µg
Species	Human
Sequence	Val24-Gly559
Protein ID	NP_006491.2
Gene ID	NM_006500.2
MW	80-90 KD (glycosylated) in SDS-PAGE gel under reduce condition
Tag	His tag on C terminus
Source	Human HEK293 cells
Purity	>98% in SDS-PAGE gel
Formulation	PBS lyophilized form without preservatives
Carry	Free
Storage	-70° C
Reconstitution	PBS, 100 µl

Description

A DNA sequence encoding the extracellular domain of human CD146 (Val²⁴-Gly⁵⁵⁹) with polyhistidine tag on the C-Terminus was expressed in human HEK293 cells. The recombinant human soluble CD146 predicts a molecular mass of 61 KDa. It migrates as an approximately 80-90 KDa band (glycosylated) in SDS-PAGE under reducing conditions.

Formulation

Lyophilized 50 µg human soluble CD146 in 100 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

The bioactivity was measured to binding human S100A1 biotinylated on a functional ELISA.

Reconstitution & Storage

Add 100 µl PBS to the vial to prepare a working stock solution at 500 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 CD146, extracellular domain (val24-Gly559)

ORDER INFORMATION

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