



# AVISCERA BIOSCIENCE

## Human Soluble CD146/MCAM Recombinant (HEK293 derived)

### Product Information

Code	00628-02-100
Name	Human soluble CD146 Rec.
Lot No.	
Size	100 µg
Species	Human
Sequence	Val24-Gly559
Protein ID	NP_006491.2
Gene ID	NM_006500.2
MW	80-90 KD (glycosylated)
Tag	His tag on C terminus
Source	HEK293 cells
Purity	>96% in SDS-PAGE gel
Formulation	PBS lyophilized form
Carry	Free
Storage	-70° C
Reconstitution	200 µl

### Description

A DNA sequence encoding the extracellular domain of Human CD146 (Val<sup>24</sup>-Gly<sup>559</sup>) with a polyhistidine tag on the C-Terminus was expressed in human cells (HEK293) animal free. The Human soluble CD146 recombinant has a predicted molecular mass of 61.3 kDa. Due to glycosylation, the recombinant mouse soluble RAGE migrates as an approximately 80-90 kDa band in SDS-PAGE under reduce condition.

### Formulation

Lyophilized 100 µg Human soluble CD146 in sterile PBS, pH 7.4. Carry free.

### Endotoxin Levels

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

### Reconstitution & Storage

Add 200 µl sterile water to the vial to prepare a working stock solution at 500 µg/mL.

Store lyophilized protein at -20° C or -70° C. Lyophilized protein is stable for up to 10 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 Soluble CD146 (Val<sup>24</sup>-Gly<sup>559</sup>)

### ORDER INFORMATION

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