



AVISCERA BIOSCIENCE

HUMAN SOLUBLE CD147 RECOMBINANT

Product Information

Code	00678-02-50
Name	Soluble CD147 (Human) rec.
Lot No.	20111942
Size	50 µg
Species	Human
Sequence	Isoform 2 (Ala22-His205)
Protein ID	NP_940991.1
Gene ID	
MW	30~40 KD (reduce)
Tag	His tag on C terminus
Source	Human 293 cells
Purity	>97% in SDS-PAGE gel
Formulation	PBS lyophilized Form without preservatives
Carry	NOT
Storage	-20 °C ~ -70 °C
Reconstitution	100 µl
Application	Cell Biology

Description

A DNA sequence encoding the extracellular domain of human CD147 isoform 2 (Met1-His205) was fused with a polyhistidine tag at the C-terminus. That was expressed in human cells HEK293. The secreted recombinant human CD147 generated after removal of the signal peptide comprises 195 amino acids with a predicted molecular mass of 21.6 kDa. As a result of glycosylation, it migrates as an approximately 30~40 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized 50 µg of human soluble CD147 from a 0.2 µm filtered solution of PBS, pH 7.4, 5% Trehalose, 5% mannitol.

Purity

>97% as determined by SDS-PAGE.

Endotoxin

<1.0 EU per µg protein as measured by the LAL method.

Reconstitution & Storage

Add 200 µl deionized water to the vial to prepare a working stock solution at 250 µg/mL, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 12 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 (12 months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Sequence: human soluble CD147 isoform 2 (Ala22-His205)

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