

Datasheet for ABIN6964132
CD147 Protein (AA 140-323) (Fc Tag)



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1 Image

Overview

Quantity:	100 µg
Target:	CD147 (BSG)
Protein Characteristics:	AA 140-323
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD147 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human CD147 Protein with C-terminal human Fc tag
Specificity:	CD147 (Gly140-Ala323) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CD147 (BSG)
Alternative Name:	CD147 (BSG Products)
Background:	The protein encoded by this gene, basigin, is a plasma membrane protein that is important in

Target Details

spermatogenesis, embryo implantation, neural network formation, and tumor progression.

Basigin is also a member of the immunoglobulin superfamily, ubiquitously expressed in various tissues. Multiple transcript variants encoding different isoforms have been found for this gene.

[provided by RefSeq, May 2020]

Molecular Weight: predicted molecular mass of 46.3 kDa after removal of the signal peptide. The apparent molecular mass of CD147-hFc is 55-70 kDa due to glycosylation.

UniProt: [P35613](#)

Pathways: [S100 Proteins](#)

Application Details

Restrictions: For Research Use only

Handling

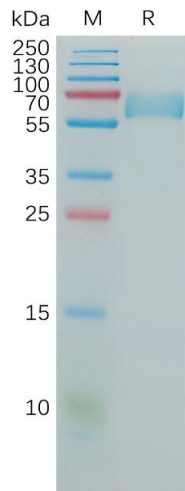
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human CD147 Protein, hFc Tag on SDS-PAGE under reducing condition.