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Datasheet for ABIN7319917
CD147 Protein (mFc Tag)

1 Image

Overview

Quantity:	50 µg
Target:	CD147 (BSG)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD147 protein is labelled with mFc Tag.

Product Details

Purpose:	Recombinant Human Basigin/CD147 (C-mFc)
Sequence:	Ala22-His205
Characteristics:	Recombinant Human Basigin is produced by our Mammalian expression system and the target gene encoding Ala22-His205 is expressed with a mFc tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CD147 (BSG)
Alternative Name:	Basigin/CD147 (BSG Products)
Background:	Background: Basigin/CD147 is a member of the immunoglobulin superfamily with homology to both the immunoglobulin V domain and MHC class II antigen beta-chain. This protein play important roles in variety of events including spermatogenesis, embryo implantation, neural

Target Details

network formation. CD147 induces the production and release of matrix metalloproteinases (MMP) in the surrounding mesenchymal cells and tumor cells, and thereby promotes invasion, metastasis, growth and survival of malignant cells. Furthermore, CD147 also serves as a receptor for extracellular cyclophilin and its association with integrins might be important in signal transduction. CD147 displays increased expression in many cancers, and it has been previously demonstrated to participate in cancer metastasis and progression.

Synonym: Basigin, Basic immunoglobulin superfamily, HT7 antigen, Membrane glycoprotein gp42, CD147, Bsg

Molecular Weight: 46.5 kDa

Pathways: [S100 Proteins](#)

Application Details

Restrictions: For Research Use only

Handling

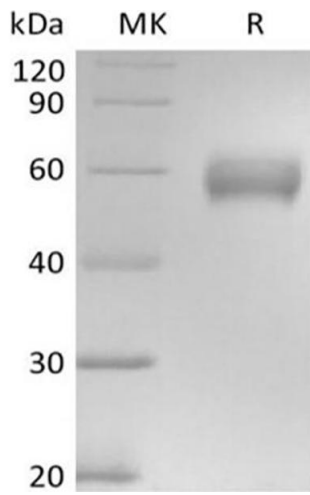
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 μ m filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.