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Datasheet for ABIN7320724

CD147 Protein (AA 22-325) (His tag)

1 Image

Overview

Quantity:	50 µg
Target:	CD147 (BSG)
Protein Characteristics:	AA 22-325
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD147 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse CD147/Basigin Protein (aa 22-325, His Tag)
Sequence:	Ala22-Arg325
Characteristics:	Recombinant Mouse Basigin is produced by our Mammalian expression system and the target gene encoding Ala22-Arg325 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CD147 (BSG)
Alternative Name:	CD147/Basigin (BSG Products)
Background:	Background: Basigin/CD147 is a member of the immunoglobulin superfamily with homology to

Target Details

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 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 cyclophilinthe 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,AI115436,AI325119,EMMPRIN,HT-7

Molecular Weight: 34.1 kDa

NCBI Accession: [NP_001070652](#)

Pathways: [S100 Proteins](#)

Application Details

Restrictions: For Research Use only

Handling

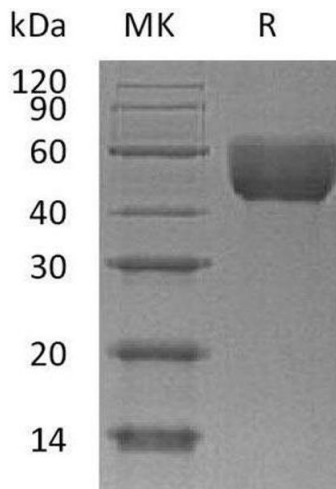
Format: Lyophilized

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

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

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.