

Datasheet for ABIN5855085

## CD147 Protein (AA 22-207) (hlgG-His-tag)



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### 1 Image

#### Overview

Quantity:	50 µg
Target:	CD147 (BSG)
Protein Characteristics:	AA 22-207
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD147 protein is labelled with hlgG-His-tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Sequence:	ADPAAGTVFT TVEDLGSKIL LTCSLNDSAT EVTGHRWLKG GVLKEDALP GQKTEFKVDS DDQWGEYSCV FLPEPMGTAN IQLHGPPRVK AVKSSEHINE GETAMLVCKS ESVPPTDWA WYKITDSEDK ALMNGSESRF FVSSSQGRSE LHIEENLNMEA DPGQYRCNGT SSKGSDQAI TLRVRSHLAL EPKSCDKTHT CPPCPAPELL GGPSVFLFPP KPKDTLMISR TPEVTCVVVD VSHEDPEVKF NWYVDGVEVH NAKTKPREEQ YNSTYRVVSV LTVLHQDWLN GKEYKCKVSN KALPAPIEKT ISKAKGQPRE PQVYTLPPSR DELTKNQVSL TCLVKGFYPS DIAVEWESNG QPENNYKTTTP PVLDSGDSFF LYSKLTVDKS RWQQGNVFSC SVMHEALHNNH YTKQSLSLSP GKHHHHHHH
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)

## Target Details

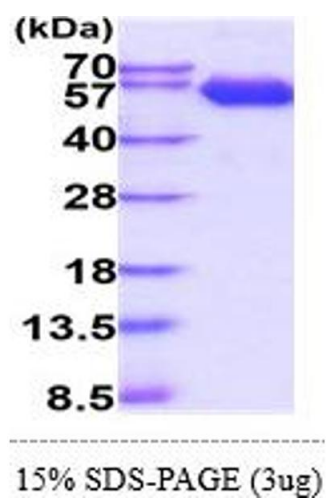
Target:	CD147 (BSG)
Alternative Name:	CD147/BSG ( <a href="#">BSG Products</a> )
Background:	<p>BSG, also known as basigin isoform 2, is a type 1 transmembrane protein with various different N- and O- glycosylation that belongs to the immunoglobulin superfamily. As members of the immunoglobulin superfamily play fundamental roles in intercellular recognition involved in various immunologic phenomena, differentiation, and development, it is thought also to play a role in intercellular recognition. This protein has many ligands, including the cyclophilin (CyP) proteins Cyp-A and Cyp-B and certain integrins and regulates several distinct functions, such as spermatogenesis, expression of the mono-carboxylate transporter and the responsiveness of lymphocytes. Also, it induces the production and release of matrix metalloproteinases in the surrounding mesenchymal cells and tumor cells, and thereby promotes invasion, metastasis, growth and survival of malignant cells. Recombinant human BSG, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.</p>
Molecular Weight:	47.5 kDa (428aa)
NCBI Accession:	<a href="#">NP_940991</a>
UniProt:	<a href="#">P35613</a>
Pathways:	<a href="#">S100 Proteins</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.