

## Active Recombinant Human CD147 Protein, Fc-tagged

Cat. No. BSG-605H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human CD147 (22-205) protein was expressed in CHO cells using a C-terminal Fc tag.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	22-205
<b>Description</b>	The protein encoded by this gene, basigin, is a plasma membrane protein that is important in 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.
<b>Bio-activity</b>	Binding ability measured in a functional ELISA. CD147 (22-205) protein (Fc tag) can bind to immobilized 2019-nCoV spike protein RBD (His-tag).
<b>Molecular Mass</b>	70 kDa
<b>Purity</b>	>90 %
<b>Stability</b>	One year at -70 centigrade from date of shipment.
<b>Storage</b>	Store product at -70 centigrade. For optimal storage, aliquot targets into smaller

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quantities after centrifugation and store at the recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

**Concentration** 0.2 µg/µL

**Storage Buffer** Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 90mM glycine.

**Shipping** On dry ice.

## GENE INFORMATION

**Gene Name** [BSG basigin \(Ok blood group\) \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [BSG](#)

**Synonyms** BSG; basigin (Ok blood group); OK; 5F7; TCSF; CD147; EMPRIN; HAb18G; EMMPRIN; SLC7A11; basigin; OK blood group antigen; collagenase stimulatory factor; extracellular matrix metalloproteinase inducer; hepatoma-ass centigradeiated antigen; leuk centigradeyte activation antigen M6; tumor cell-derived collagenase stimulatory factor

**Gene ID** [682](#)

**mRNA Refseq** [NM\\_198589](#)

**Protein Refseq** [NP\\_940991](#)

**MIM** [109480](#)

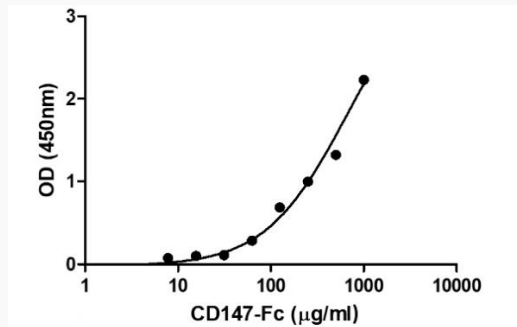
**UniProt ID** [P35613](#)

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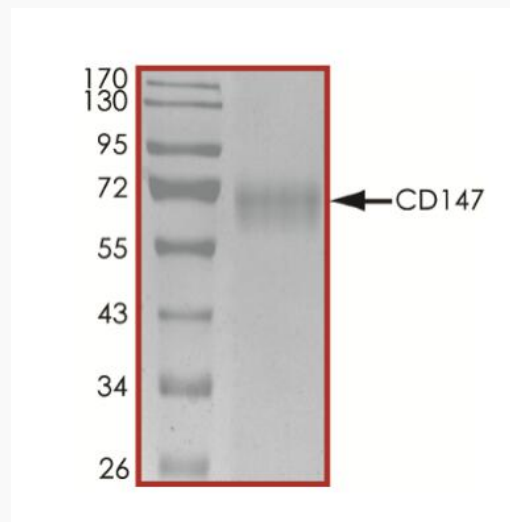
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**Activity**



Binding ability measured in a functional ELISA. CD147 (22-205) protein (Fc tag) can bind to immobilized 2019-nCoV spike protein RBD (His-tag).

**Purity**



The purity of CD147 was determined to be >90% by densitometry, approx. MW 70 kDa.