Active Recombinant Human BSG protein, hFc&His-tagged

Cat. No. BSG-2635H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human Basigin/CD147 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Thr25-His205) of human CD147/EMMPRIN/Basigin (Accession #NP_001719.2) fused with an Fc, 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Thr25-His205
Form	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA.Immobilized?Human CD147 at 1ug/mL (100 μL/well)?can bind CD147 Mouse mAb with a linear range of 0.12-3.05 ng/ml.
Molecular Mass	60-65 kDa
Endotoxin	< 0.1 EU/μg of the protein by LAL method.
Purity	> 95% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for

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	up to 1 week.
Reconstitution	Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

GENE INFORMATION

Gene Name	BSG basigin (Ok blood group) [Homo sapiens]
Official Symbol	BSG
Synonyms	BSG; basigin (Ok blood group); basigin (OK blood group) , OK; basigin; CD147; EMMPRIN; CD147 antigen; OK blood group antigen; collagenase stimulatory factor; leukocyte activation antigen M6; extracellular matrix metalloproteinase inducer; tumor cell-derived collagenase stimulatory factor; M6; OK; 5F7; TCSF;
Gene ID	682
mRNA Refseq	NM_001728
Protein Refseq	NP_001719
MIM	109480
UniProt ID	P35613

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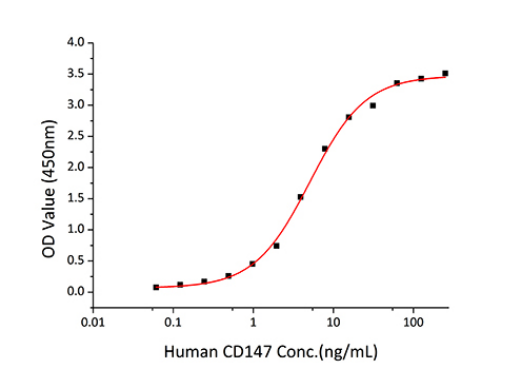
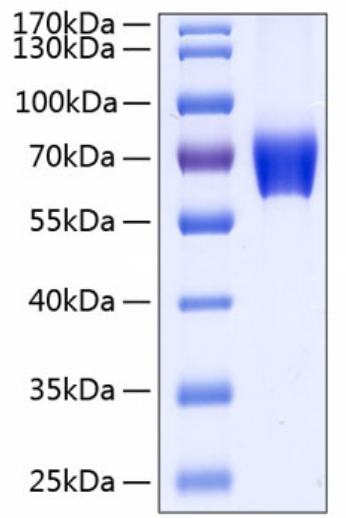
Bio-activity	
SDS-PAGE	

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