

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, 6xHis 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

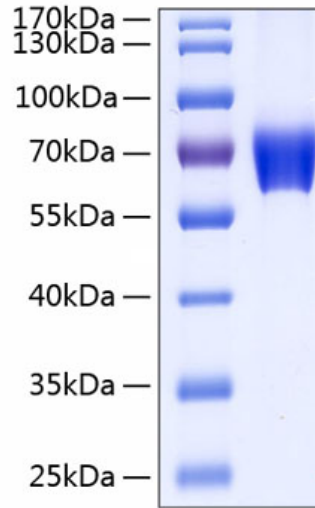
UniProt ID P35613

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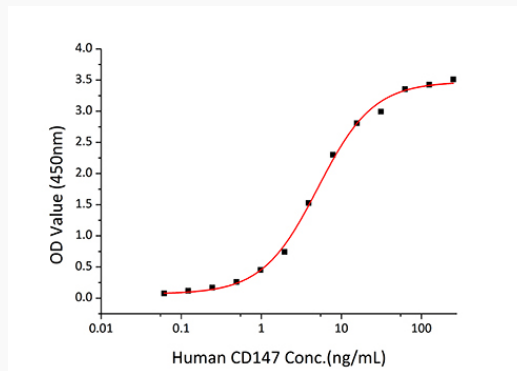
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SDS-PAGE



Bio-activity



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