

Active Recombinant Human BSG Protein, His-Avi-tagged, Biotinylated

Cat. No. BSG-203H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Active Recombinant Human BSG Protein(P35613-2) is produced by our Mammalian expression system and the target gene encoding Ala22-His205 is expressed with a Avi, 6His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	22-205 aa
Conjugation/Label	Biotin
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Bio-activity	Immobilized Biotinylated Human CD147 (C-Avi-6His) at 1µg/ml (100 µl/well) can bind Anti-CD147 antibody(Huamn IgG2).The ED50 of Anti-CD147 antibody(Huamn IgG2) is 2.25 ng/ml.
Molecular Mass	22.8 KDa
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.

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Storage Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$, stable for one year after receipt. Reconstituted protein solution can be stored at $2-8^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.

Reconstitution Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than $100\mu\text{g/ml}$. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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

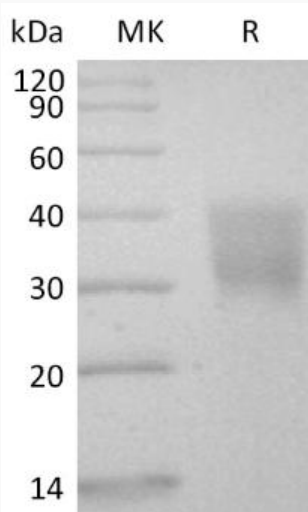
UniProt ID P35613

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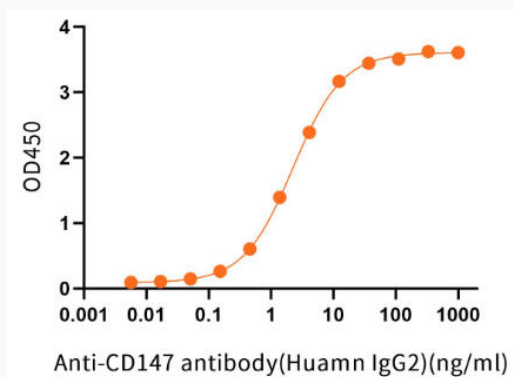
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SDS-PAGE



ELISA



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