

Active Recombinant Human BSG protein, hFc-tagged

Cat. No. BSG-62H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human BSG protein(NP_940991.1)(Ala22-His205) is expressed from HEK293 with hFc (IgG1) tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	22-205 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Immobilized Human EMMPRIN, hFc Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Anti-EMMPRIN Antibody, hFc Tag with the EC50 of 28.5ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 46.06 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in 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](#)

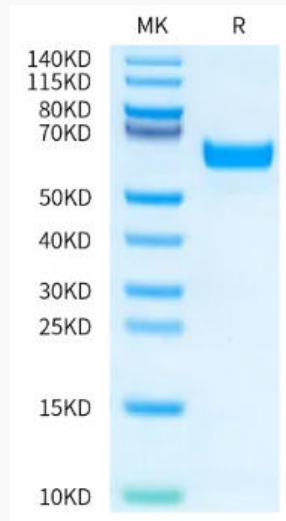
UniProt ID [P35613](#)

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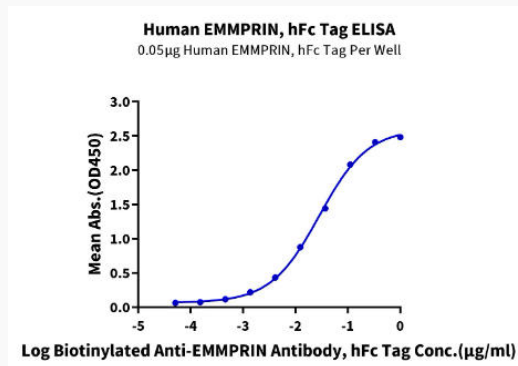
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Bis-Tris PAGE



ELISA Data



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