Recombinant Human BSG protein, His & T7-tagged

Cat. No. BSG-7096H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BSG aa. (Val79~Gln280 (Accession # P35613)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Val79~Gln280
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.1kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.9.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

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; EMMPRIN; basigin; OK blood group antigen; collagenase stimulatory factor; extracellular matrix metalloproteinase inducer; leukocyte activation antigen M6; tumor cell-derived collagenase stimulatory factor
Gene ID	682
mRNA Refseq	NM_001322243.1
Protein Refseq	NP_001309172.1
UniProt ID	P35613

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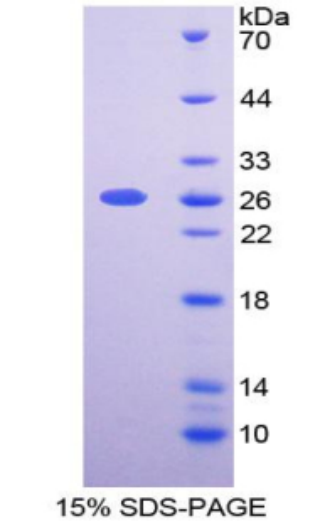
SDS-PAGE	 15% SDS-PAGE

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