Active Recombinant Human BSG protein, His-tagged, FITC-Labeled

Cat. No. BSG-1413H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FITC-Labeled Recombinant Human BSG protein(Ala22-His205), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-205 a.a.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4.
Bio-activity	Immobilized Anti-EMMPRIN Antibody, Mouse IgG1 at 5 μg/mL (100 μL/well) can bind FITC-Labeled Human EMMPRIN, His Tag with a linear range of 0.01-0.078 μg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 20.9 kDa. The protein migrates as 28-35 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ala22-His205
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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

Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	FITC

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

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