

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

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

SPECIFICATION

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|-------------------------|--|
| 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. |

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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

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