Recombinant Mouse BSG protein, His-Avi-tagged, Biotinylated

Cat. No. BSG-1412M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Mouse BSG protein(Ala22-Ala211), fused with His and Avi tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	22-211 a.a.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™).The protein has a calculated MW of 24.3 kDa. The protein migrates as 33-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ala22-Ala211
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
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.

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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	Biotin

GENE INFORMATION

Gene Name	Bsg basigin [Mus musculus]
Official Symbol	BSG
Synonyms	BSG; basigin; gp 42; HT7 antigen; neurothelin; 5A11/Basigin; membrane glycoprotein gp42; basic immunoglobulin superfamily; HT-7; CD147; EMMPRIN; AI115436; AI325119;
Gene ID	12215
mRNA Refseq	NM_001077184
Protein Refseq	NP_001070652

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