# Recombinant Mouse Bsg protein, His-tagged

**Cat. No.** Bsg-2267M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Mouse Bsg protein(NP_001070652.1)(Met1-Arg209), fused with His tag, was expressed in HEK293. |
| **Species** | Mouse |
| **Source** | HEK293 |
| **ProteinLength** | Met1-Arg209 |
| **Form** | Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA. |
| **Molecular Mass** | The secreted recombinant mouse BSG comprises 199 amino acids and has a predicted molecular mass of 30 kDa. As a result of glycosylation, the apparent molecular mass of rm BSG is approximately 30-35 kDa in SDS-PAGE under reducing conditions. |
| **Endotoxin** | < 1.0 EU per μg of the protein as determined by the LAL method |
| **Purity** | > 90 % as determined by SDS-PAGE |
| **Storage** | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein |

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| | be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| **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. |

## GENE INFORMATION

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| **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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