

Mouse BST2 Protein

Cat. No. BST-MM102

Description

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|-------------------------|--|
| Source | Recombinant Mouse BST2 Protein is expressed from HEK293 with His tag at the N-Terminus. It contains Thr52-Ser152. |
| Accession | Q8R2Q8 |
| Molecular Weight | The protein has a predicted MW of 13.2 kDa. Due to glycosylation, the protein migrates to 17-30 kDa based on Bis-Tris PAGE result. |
| Endotoxin | Less than 1EU per μg by the LAL method. |
| Purity | > 95% as determined by Bis-Tris PAGE |

Formulation and Storage

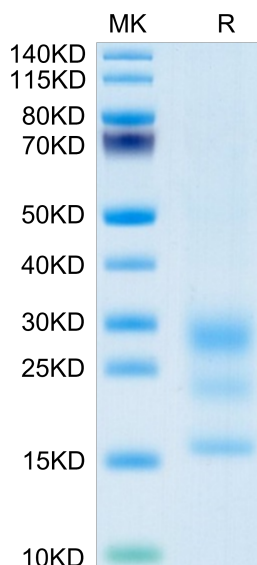
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|--------------------|---|
| Formulation | Supplied as 0.22 μm filtered solution in PBS (pH 7.4). |
| Storage | Valid for 12 months from date of receipt when stored at -80°C . Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

Background

Interferon-induced BST2 (bone marrow stromal cell antigen 2) inhibits viral replication by tethering enveloped virions to the cell surface to restrict viral release and by inducing the NF κ B-dependent antiviral immune response. BST2 expression was significantly increased during porcine epidemic diarrhea virus (PEDV) infection of Vero cells by IRF1 targeting its promoter. Both the BST2 and N protein interacted with the E3 ubiquitin ligase MARCHF8/MARCH8 and the cargo receptor.

Assay Data

Bis-Tris PAGE



Mouse BST2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.