

## Recombinant Mouse B2m protein, hFc-tagged, Low Endotoxin

**Cat. No.** B2m-785M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse B2m protein(P01887)(21-119 aa), fused with C-terminal hFc tag, was expressed in HEK293.                                                                                                                       |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 21-119 aa                                                                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                                                                                  |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 38.4 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Bis-Tris PAGE result.                                                                                              |
| <b>Endotoxin</b>        | Less than 0.01 EU per µg by the LAL method.                                                                                                                                                                                     |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC                                                                                                                                                               |
| <b>Storage</b>          | Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |
| <b>Reconstitution</b>   | Dissolve the lyophilized protein in distilled water.                                                                                                                                                                            |

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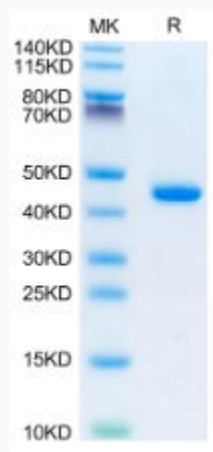
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## GENE INFORMATION

|                 |                                                                           |
|-----------------|---------------------------------------------------------------------------|
| Gene Name       | B2m beta-2 microglobulin [ Mus musculus ]                                 |
| Official Symbol | B2m                                                                       |
| Synonyms        | B2M; beta-2 microglobulin; beta-2-microglobulin; Ly-m11; beta2m; beta2-m; |
| Gene ID         | 12010                                                                     |
| mRNA Refseq     | NM_009735                                                                 |
| Protein Refseq  | NP_033865                                                                 |

### Bis-Tris PAGE



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