

## Recombinant Rhesus monkey B2M Protein, His-tagged

Cat. No. B2M-286R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rhesus monkey (Simian) B2M Protein (Ile21-Met119) with N-His tag was expressed in E. coli.
<b>Species</b>	Rhesus macaque
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ile21-Met119
<b>Description</b>	Component of the class I major histocompatibility complex (MHC). Involved in the presentation of peptide antigens to the immune system.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 15.3 kDa Accurate Molecular Mass: 15 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

<b>Gene Name</b>	B2M beta-2-microglobulin [ <i>Macaca mulatta</i> (Rhesus monkey) ]
<b>Official Symbol</b>	B2M
<b>Synonyms</b>	B2M; beta-2-microglobulin; beta-2-microglobulin
<b>Gene ID</b>	712428
<b>mRNA Refseq</b>	NM_001047137
<b>Protein Refseq</b>	NP_001040602
<b>UniProt ID</b>	Q6V7J5

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