Recombinant Rhesus monkey B2M Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Rhesus monkey (Simian) B2M Protein (Ile21-Met119) with N-His tag was expressed in E. coli.
Species	Rhesus macaque
Source	E.coli
ProteinLength	Ile21-Met119
Description	Component of the class I major histocompatibility complex (MHC). Involved in the presentation of peptide antigens to the immune system.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 15.3 kDa Accurate Molecular Mass: 15 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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.

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

GENE INFORMATION

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

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