

Recombinant Human B2M protein, His-tagged

Cat. No. B2M-2783H **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Human B2M protein(22-119 aa), fused with N-terminal His tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 22-119 aa |
| Tag | N-His |
| Form | The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| Purity | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| Storage | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles. |
| Reconstitution | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage. |

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AA Sequence

QRTPKIQVYSRHPAENGKSNFLNCYVSGFHPSDIEVDLLKNGERIEKVEHSDLSFSK
DWSFYLLYYTEFTPTEKDEYACRVNHVTLSPKIVKWDRDM

GENE INFORMATION

Gene Name

B2M beta-2-microglobulin [Homo sapiens]

Official Symbol

B2M

Synonyms

B2M; beta-2-microglobulin; beta-2-microglobin; beta chain of MHC class I molecules;

Gene ID

567

mRNA Refseq

NM_004048

Protein Refseq

NP_004039

MIM

109700

UniProt ID


P61769

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SDS-PAGE

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