

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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