

Beta 2 Microglobulin Human Recombinant, His Tag

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| Item Number | rAP-2863 |
| Synonyms | Beta-2-microglobin, Beta chain of MHC class I molecules, B2M, Beta 2 Microglobulin. |
| Description | B2M Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 120 amino acids (1-119 a.a.) and having a molecular mass of 14 kDa. The B2M is fused to a 21 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. |
| Uniprot Accession Number | P61769 |
| Amino Acid Sequence | MGSSHHHHHH SSGLVPRGSH MIQRTPKIQV YSRHPAENGK SNFLNCYVSG FHPSDIEVDL LKNGERIEKV EHSDFSFSKD WSFYLLYTE FTPTEKDEYA CRVNHVTLISQ PKIVKWRDMD. |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. |
| Formulation and Purity | B2M Human solution containing 20mM Tris pH-8, 2mM DTT, 0.1M NaCl & 20% glycerol. Greater than 95.0% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**