

## Beta 2 Microglobulin Recombinant Protein | B2M recombinant protein

Recombinant Human Beta 2 Microglobulin

|                              |                                 |
|------------------------------|---------------------------------|
| CATALOG #<br><b>AAA38438</b> | HOST<br><b>Escherichia Coli</b> |
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### PRODUCT SYNONYMS

Beta 2 Microglobulin; Recombinant Human Beta 2 Microglobulin; Beta-2-microglobulin; B2M; B2M recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Escherichia Coli                                                                                                                                                                                                                                                                                                                         |
| Purity/Purification     | Greater than 90.0% as determined by: SDS-PAGE.                                                                                                                                                                                                                                                                                           |
| Form/Format             | The protein was lyophilized from a concentrated solution (1mg/ml) containing PBS (pH 7.4) and 0.05% NaN <sub>3</sub> .                                                                                                                                                                                                                   |
| Physical Appearance     | Sterile Filtered White lyophilized (freeze-dried) powder.                                                                                                                                                                                                                                                                                |
| Solubility              | It is recommended to reconstitute the lyophilized B2M in sterile 18M Omega -cm H <sub>2</sub> O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.                                                                                                                                                   |
| Preparation and Storage | Lyophilized B2M although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution B2M should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).<br><br>Please prevent freeze-thaw cycles. |

### ADDITIONAL INFORMATION

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|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for B2M recombinant protein | <b>Description:</b> B2 Microglobulin Human Recombinant produced in E Coli is a non-glycosylated polypeptide chain having a molecular mass of 11.76 kDa. The B2M is purified by proprietary chromatographic techniques. |
| Product Categories/Family for B2M recombinant protein   | <a href="#">Recombinant &amp; Natural Proteins</a> ; <a href="#">Recombinant Proteins</a> ; <a href="#">Beta 2 Microglobulin</a>                                                                                       |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">4757826</a>                                                                                                                                                      |
| NCBI GeneID                      | <a href="#">567</a>                                                                                                                                                          |
| NCBI Accession #                 | <a href="#">NP_004039.1</a>                                                                                                                                                  |
| NCBI GenBank Nucleotide #        | <a href="#">NM_004048.2</a>                                                                                                                                                  |
| UniProt Accession #              | <a href="#">P61769</a> ; <a href="#">P01884</a> ; <a href="#">Q540F8</a> ; <a href="#">Q6IAT8</a> ; <a href="#">Q9UCK0</a> ; <a href="#">Q9UD48</a> ; <a href="#">Q9UDF4</a> |
| NCBI Official Full Name          | beta-2-microglobulin                                                                                                                                                         |
| NCBI Official Synonym Full Names | beta-2-microglobulin                                                                                                                                                         |
| NCBI Official Symbol             | B2M                                                                                                                                                                          |
| NCBI Protein Information         | beta-2-microglobulin; beta chain of MHC class I molecules; beta-2-microglobin                                                                                                |
| UniProt Protein Name             | Beta-2-microglobulin                                                                                                                                                         |
| UniProt Gene Name                | <b>B2M</b>                                                                                                                                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/b2m-recombinant-protein-escherichia-coli/38438>