

# Recombinant Human Beta-2-Microglobulin

**Cat. No.** B2M-4219H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Native Human B2M protein was purified from Human urine of patients with tubular proteinuria.               |
| <b>Species</b>          | Human                                                                                                      |
| <b>Source</b>           | Human                                                                                                      |
| <b>Form</b>             | Lyophilized from 0.02M NH <sub>4</sub> HCO <sub>3</sub> .                                                  |
| <b>Purity</b>           | Greater than 98.0%.                                                                                        |
| <b>Storage</b>          | Human B2M although stable at room temperature for 3 weeks, should be stored between 2-8 centigrade.        |
| <b>Reconstitution</b>   | It is recommended to reconstitute the lyophilized HuB2M in phosphate buffer pH >7.0 containing 0.15M NaCl. |

## GENE INFORMATION

|                        |                                                                                     |
|------------------------|-------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | B2M beta-2-microglobulin [ Homo sapiens ]                                           |
| <b>Official Symbol</b> | B2M                                                                                 |
| <b>Synonyms</b>        | B2M; beta-2-microglobulin; beta-2-microglobin; beta chain of MHC class I molecules; |

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|                            |                  |
|----------------------------|------------------|
| <b>Gene ID</b>             | 567              |
| <b>mRNA Refseq</b>         | NM_004048        |
| <b>Protein Refseq</b>      | NP_004039        |
| <b>MIM</b>                 | 109700           |
| <b>UniProt ID</b>          | P61769           |
| <b>Chromosome Location</b> | 15q21-q22.2      |
| <b>Function</b>            | protein binding; |

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