

Native Human Beta 2 MicroGlobulin

Cat. No. B2M-8046H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Human Beta 2 MicroGlobulin was purified from Human Urine. |
| Species | Human |
| Source | Human Urine |
| Description | Serum beta-2 Microglobulin is an endogenous marker for renal function and has been shown to be an independent predictor of mortality in older adults. It has been reported that Serum B2M concentration is increased in renal diseases, various malignant diseases and some inflammatory and autoimmune disorders. |
| Form | Phosphate Buffered Saline |
| Molecular Mass | 11.8 kDa |
| Purity | >98% by SDS-PAGE |
| Storage | 2-8 °C |
| Concentration | Typically >2.0 mg/mL |

GENE INFORMATION

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|------------------|---|
| Gene Name | B2M beta-2-microglobulin [Homo sapiens] |
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|----------------------------|--|
| 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 |
| Chromosome Location | 15q21-q22.2 |
| Pathway | Adaptive Immune System, organism-specific biosystem; Amyloids, organism-specific biosystem; Antigen Presentation: Folding, assembly and peptide loading of class I MHC, organism-specific biosystem; Antigen processing and presentation, organism-specific biosystem; Antigen processing and presentation, conserved biosystem; Antigen processing-Cross presentation, organism-specific biosystem; Class I MHC mediated antigen processing and |
| Function | protein binding; |

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