

Native Human Beta 2 MicroGlobulin

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

SPECIFICATION

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

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;