

B2M (Human) Native Protein

Catalog # P8138 Size 1 mg

Specification

Product Description	Human B2M native protein from tubular proteinuria urine.
Theoretical MW (kDa)	12
Form	Lyophilized
Preparation Method	From tubular proteinuria human urine
Purity	> 98%.
Storage Buffer	Lyophilized from 0.02M NH_4HCO_3 solution. Reconstitute the lyophilized powder in ddH ₂ O to 1000 IU/mL.
Storage Instruction	Lyophilized protein at room temperature for 3 weeks, should be stored at 4°C.
Note	Starting material tested and found negative for HIV I & II antibodies, Hepatitis B surface antigen, Hepatitis C antibodies and Syphilis.

Applications

- SDS-PAGE

Gene Info — B2M

Entrez GeneID	567
Gene Name	B2M
Gene Alias	-
Gene Description	beta-2-microglobulin
Omim ID	109700 241600

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a serum protein found in association with the major histocompatibility complex (MHC) class I heavy chain on the surface of nearly all nucleated cells. The protein has a predominantly beta-pleated sheet structure that can form amyloid fibrils in some pathological conditions. A mutation in this gene has been shown to result in hypercatabolic hypoproteinemia

Other Designations

beta chain of MHC class I molecules|beta-2-microglobin

Pathway

- [Antigen processing and presentation](#)

Disease

- [Arthritis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease](#)
- [Edema](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Osteoarthritis](#)
- [Parkinson disease](#)
- [Stomach Neoplasms](#)