9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

B2M Human, His

Beta 2 Microglobulin Human Recombinant, His Tag
RCP0159

Product Overview

Name	B2M Human, His
Description	
Beta 2 Microglobulin Human Recombinant, His Tag	
Accession (Primary)	P61769
Synonyms	
Beta-2-microglobin, Beta chain of MHC class I molecules, B2M, Beta 2 Microglobulin.	
Introduction	
B2M is a part of the MHC class I family that participates in the presentation of peptide antigens to the immune system. B2M is localized on the surface of numerous cells and abundant on the surface of white blood cells. High production or destruction of these cells causes B2M levels in the blood to raise. This increase is observed in people with cancers involving white blood cells, but it is mainly significant in people newly diagnosed with multiple myeloma. B2M Testing is done primarily when evaluating a person for certain kinds of cancer affecting white blood cells including chronic lymphocytic leukemia, non-Hodgkin''s lymphoma, and multiple myeloma or kidney disease.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
B2M Human solution containing 20mM Tris pH-8, 2mM DTT, 0.1M NaCl & 20% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH M IQRTPKIQV YSRHPAENGK SNFLNCYVSG FHPSDIEVDL LKNGERIEKV EHSDLSFSKD WSFYLLYYTE FTPTEKDEYA CRVNHVTLSQ PKIVKWDRDM.	
Precautions	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

B2M Human, His is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P61769)