B2M
Native Human Beta-2 Microglobulin

Catalog No.	CSI19620A CSI19620B	**Quantity:**	100 µg 1.0 mg
Alternate Names:	rhB2M, rB2M		
Description:	Human Beta-2 Microglobulin (B2M) is a component of MHC class I molecules, which are present on almost all cells of the body. B2M lies lateral to the MHC Class I alpha-3 chain on the cell surface. Unlike MHC Class I, B2M has no transmembrane region. Directly above B2M lies the Alpha-1 chain, which itself is lateral to the Alpha-2. B2M associates not only with the alpha chain of MHC class I molecules, but also with class I-like molecules such as CD1 and Qa. Serum beta-2 Microglobulin, an endogenous marker for renal function, has been shown to be an independent predictor of mortality in older adults.		
Gene ID:	567		
Protein Accession No:	P61769		
Source:	Human Urine		
Molecular Weight:	~12 kDa		
Formulation:	Lyophilized from 0.02 M ammonium bicarbonate. May contain traces of buffer salts.		
Purity:	> 98% by SDS-PAGE		
Reconstitution:	**Centrifuge vial prior to opening.** Add PBS, >pH 7.0, to solubilize the protein.		
Storage & Stability:	Stable at 2-8°C. For maximal stability, store at -20°C. Upon reconstitution, store in working aliquots at -20 to -80°C. **Avoid repeated freeze-thaw cycles.**		

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