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Datasheet for ABIN7505736

beta-2 Microglobulin Protein (AA 1-119) (His tag)

Overview

Quantity:	100 µg
Target:	beta-2 Microglobulin (B2M)
Protein Characteristics:	AA 1-119
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This beta-2 Microglobulin protein is labelled with His tag.

Product Details

Sequence:	Met 1-Met 119
Characteristics:	A DNA sequence encoding the Mouse BMG/β2-MG protein (P01887) (Met 1-Met 119) was expressed with a C-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	beta-2 Microglobulin (B2M)
Alternative Name:	B2M (B2M Products)
Background:	Background: B2M, also known as β2-Microglobulin or CDABP0092, is a component of MHC class I molecules found expression in all nucleated cells (excludes red blood cells). The major function of MHC class I molecules is to display fragments of proteins from within the Synonym: B2MG, Beta-2-Microglobulin, Beta 2 Microglobin, Beta 2 microglobulin Precursor, Beta

Target Details

	Chain of MHC Class 1 Proteins,Beta Chain of MHC class I molecules,CDABP0092,Hdcma22p,IMD43
Molecular Weight:	10.78 kDa
UniProt:	P01887
Pathways:	TCR Signaling , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months