

Product datasheet

Recombinant Human beta 2 Microglobulin protein ab98116

[3 References](#) [1 图像](#)

描述

产品名称	重组人beta 2 Microglobulin蛋白
纯度	> 95 % SDS-PAGE. ab98116 is purified by using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<u>P61769</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHH SSGLVPRGSH MIQRTPKIQV YSRHPAENGK SNFLNCYVSG FHPSDIEVDL LKNGERIEKV EHS DLSFSKD WSFYLLYYTE FTPTEKDEYA CRVNHVTL SQ PKIVKWRDM
预测分子量	14 kDa including tags
氨基酸	21 to 119
标签	His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab98116** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE Mass Spectrometry
质谱法	MALDI-TOF
形式	Liquid

制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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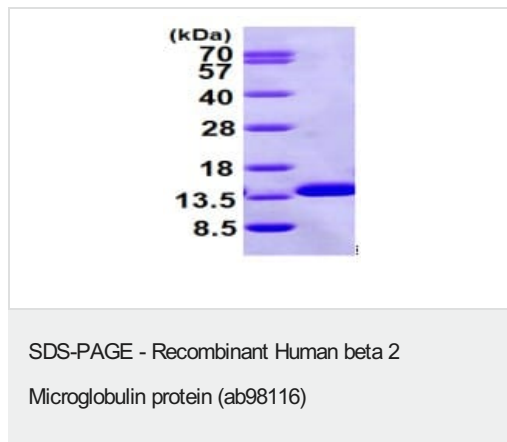
pH: 8.00

Constituents: 0.0308% DTT, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

常规信息

功能	Component of the class I major histocompatibility complex (MHC). Involved in the presentation of peptide antigens to the immune system.
疾病相关	Defects in B2M are the cause of hypercatabolic hypoproteinemia (HYCATHYP) [MIM:241600]. Affected individuals show marked reduction in serum concentrations of immunoglobulin and albumin, probably due to rapid degradation. Note=Beta-2-microglobulin may adopt the fibrillar configuration of amyloid in certain pathologic states. The capacity to assemble into amyloid fibrils is concentration dependent. Persistently high beta(2)-microglobulin serum levels lead to amyloidosis in patients on long-term hemodialysis.
序列相似性	Belongs to the beta-2-microglobulin family. Contains 1 Ig-like C1-type (immunoglobulin-like) domain.
翻译后修饰	Glycation of Ile-21 is observed in long-term hemodialysis patients.
细胞定位	Secreted. Detected in serum and urine.

图片



15% SDS-PAGE analysis of ab98116 (3ug)

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