

Product datasheet

Recombinant Mouse B2M + FCGRT protein (Tagged) (Biotin) ab271510

1 Image

Description

Product name	Recombinant Mouse B2M + FCGRT protein (Tagged) (Biotin)	
Purity	>= 90 % SDS-PAGE.	
Expression system	HEK 293 cells	
Accession	<u>Q61559</u> <u>P01887</u>	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Amino Acid Sequence 1		
Species	Mouse	
Sequence	SETRPPLMYHLTAVSNPSTGLPSFWATGWLGPQQYLTYN SLRQEADPCGA WMWENQVSWYWEKETTDLKSKEQLFLEALKTLEKILNGT YTLQGLLGCEL ASDNSSVPTAVFALNGEEFMKFNPRIGNWTGEWPETEM ANLWMKQPDA RKESEFLLNSCPERLLGHLERGRNLEWKEPPSMRLKAR PGNSGSSVLT AAFSFYPELKFRLRNLASGSGNCSTGPNGDGSFHA WSLLEVKRGDEH HYQCQVEHEGLAQPLTVDLDDSSARSS	
Amino acids	22 to 297	
Tags	His tag C-Terminus , Avi tag C-Terminus	
Additional sequence information	Extracellular domain.	
Amino Acid Sequence 2		
Species	Mouse	
Sequence	MARSVTLVFLVLSLTGLYAIQKTPQIQVYSRHPPEKPN LNCYVTQF HPPHIEIQMLKNGKKIPKVEMSDMSFSKDWFSFYLAHTEFT PTETDTYAC RVKHASMAEPKTVYWDRDM	

Amino acids 1 to 119

Conjugation Biotin

Specifications

Our **Abpromise guarantee** covers the use of **ab271510** in the following tested applications.

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

Applications SDS-PAGE

Form Liquid

Additional notes Enzymatically biotin-labeled using Avi-tag™ technology

Preparation and Storage

Stability and Storage Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. Store In the Dark.

pH: 7.40

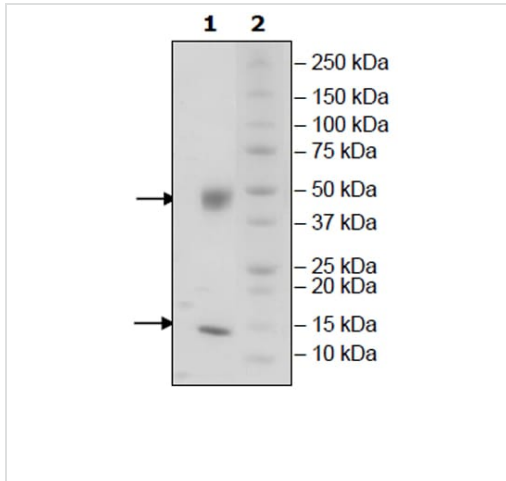
Constituents: 0.13% Sodium phosphate, 0.64% Sodium chloride, 0.02% Potassium chloride, 20% Glycerol (glycerin, glycerine)

General Info

Relevance FCGRT + B2M heterodimer protein (FcRn complex) consist of two subunits: p51 (equivalent to FCGRT), and p14 (equivalent to beta-2-microglobulin), and forms an MHC class I-like heterodimer. Fc fragment of IgG, receptor, transporter, alpha (FCGRT) binds to the Fc region of monomeric immunoglobulins gamma and mediates the uptake of IgG from milk. FCGRT has a possible role in transfer of immunoglobulin G from mother to fetus. Beta-2-microglobulin (B2M) is a component of the class I major histocompatibility complex (MHC) and involved in the presentation of peptide antigens to the immune system.

Cellular localization FCGRT: Cell membrane; Single-pass type I membrane protein B2M: Secreted

Images



SDS-PAGE analysis of 5 µg ab271510.

SDS-PAGE - Recombinant Mouse B2M + FCGRT
protein (Tagged) (Biotin) (ab271510)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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