

Datasheet for ABIN7195709  
**FCGR3B Protein (Biotin)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	FCGR3B
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This FCGR3B protein is labelled with Biotin.

## Product Details

Purpose:	Recombinant Human CD16b/FCGR3B Protein, Biotinylated (Active)
Sequence:	Met 18-Gly 193
Characteristics:	A DNA sequence encoding the mature form of human CD16b (O75015-1) (Met 18-Gly 193) was expressed and purified. The expressed protein was biotinylated in vitro.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Biological Activity Comment:	Measured by its ability to bind human IgG1 in a functional ELISA.2. Labeling ratio of biotin to protein: 5.51.

## Target Details

Target:	FCGR3B
Alternative Name:	CD16b/FCGR3B ( <a href="#">FCGR3B Products</a> )

## Target Details

Background:	<p>Background: Low affinity immunoglobulin gamma Fc region receptor III-B, also known as Fc-gamma RIII-beta, FcR-10, IgG Fc receptor III-1, FCG3, FCGR3, CD16b and FCGR3B. FCGR3B is a GPI-anchor membrane protein and contains two Ig-like C2 type domains. FCGR3B can be expressed in orthonuclear leukocytes and stimulated eosinophils. FCGR3B can interact with INPP5D/SHIP1. FCGR3B localizes in the FCGR gene cluster is a CN polymorphic gene involved in the recruitment of polymorphonuclear neutrophils to sites of inflammation and their activation. FCGR3B may serve as a trap for immune complexes in the peripheral circulation which does not activate neutrophils.</p> <p>Synonym: Low affinity immunoglobulin gamma Fc region receptor III-B, Fc-gamma RIII-beta, FcR-10, IgG Fc receptor III-1, FCG3, FCGR3, CD16b and FCGR6B,FCRIII,FCRIIIb</p>
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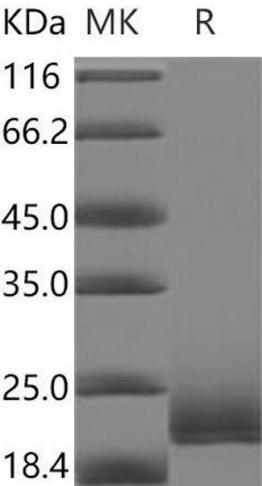
Molecular Weight:	20 kDa
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>



Western Blotting

Image 1.