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Datasheet for ABIN1880629

## FCGR3B Protein (AA 20-208) (Fc Tag,His tag)

### Overview

Quantity:	50 µg
Target:	FCGR3B
Protein Characteristics:	AA 20-208
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FCGR3B protein is labelled with Fc Tag,His tag.

### Product Details

Purpose:	Recombinant Human Fc γ RIIIB/FCGR3B/CD16b (C-Fc-6His)
Sequence:	<p>TEDLPKAVVF LEPQWYSVLE KDSVTLKCQG AYSPEDNSTQ WFHNESLISS QASSYFIDAA</p> <p>TVNDSGEYRC QTNLSTLSDP VQLEVHIGWL LLQAPRWVFK EEDPIHLRCH SWKNTALHKV</p> <p>TYLQNGKDRK YFHHNSDFHI PKATLKDSGS YFCRGLVGSK NVSSETVNIT ITQGLAVSTI</p> <p>SSFSPPGYQV DDIEGRMDEP KSCDKTHTCP PCPAPELLGG PSVFLFPPKP KDTLMISRTP</p> <p>EVTCVVVDVS HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLNQDNLNGK</p> <p>EYCKVSNKA LPAPIEKTIC KAKGPPEPQ VYTLPPSREE MTKNQVSLTC LVKGFYPSDI</p> <p>AVEWESNGQP ENNYKTTTPV LDSDGSFFLY SKLTVDKSRW QQGNVFSCSV MHEALHNHYT</p> <p>QKSLSLSPGK HHHHHH</p>
Characteristics:	Recombinant Human Fc gamma RIIIB/CD16b is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Thr20Gln208) of Human FCGR3B fused with a FC-6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.

## Product Details

Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

Target:	FCGR3B
Alternative Name:	Fc gamma RIIB/CD16b ( <a href="#">FCGR3B Products</a> )
Sub Type:	Fusionprotein
Background:	<p>Low affinity immunoglobulin gamma Fc region receptor III-B, also known as Fc-gamma RIIB-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 orphonuclear 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>Alternative Names: Low affinity immunoglobulin gamma Fc region receptor III-B, Fc-gamma RIIB-beta, FcR-10, IgG Fc receptor III-1, FCG3, FCGR3, CD16b and FCGR3B.</p>
Molecular Weight:	51.4kDa
UniProt:	<a href="#">075015</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C

## Handling

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Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	3 months

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