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Datasheet for ABIN7318466

FCGR3B Protein (His tag,Fc Tag)

Overview

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

Product Details

Purpose:	Recombinant Human CD16b/FCGR3B Protein (Fc & His Tag)
Sequence:	Thr 20-Gln208
Characteristics:	Recombinant Human Low Affinity Immunoglobulin Gamma Fc Region Receptor III-B is produced by our Mammalian expression system and the target gene encoding Thr20-Gln208 is expressed with a Fc, 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	FCGR3B
Alternative Name:	CD16b/FCGR3B (FCGR3B Products)
Background:	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

Target Details

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.

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 FCGR3B,FCRIII,FCRIIIb

Molecular Weight: 41.7 kDa

UniProt: [075015](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 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.