Datasheet for ABIN7013669

FCGR3B Protein (AA 17-200) (His tag,SUMO Tag)

1 Image

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Overview

Quantity:	100 µg
Target:	FCGR3B
Protein Characteristics:	AA 17-200
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FCGR3B protein is labelled with His tag,SUMO Tag.

Product Details

Characteristics:	Human Fc gamma RIIIB / CD16b (NA2) Protein, SUMO,His Tag (MALS & BLI-verified)
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	FCGR3B
Alternative Name:	Fc gamma RIIIB / CD16b (NA2) (FCGR3B Products)
Background:	CD16 is a low affinity Fc receptor, and has been identified as Fc receptors FcγRIIIa (CD16a) and FcγRIIIb (CD16b). These receptors bind to the Fc portion of IgG antibodies. CD16 encoded by two different highly homologous genes in a cell type-specific manner.CD16 is found on the surface of natural killer cells, neutrophil polymorphonuclear leukocytes, monocytes and macrophages. CD16B is also kown as FCGR3B and FCG3B, is expressed specifically by

Target Details

	polymorphonuclear leukocytes (neutrophils) and stimulated eosinophils. CD16B is the low affinity receptor for the Fc region of immunoglobulins gamma. FCGR3B binds complexed or aggregated IgG and also monomeric IgG. Contrary to III-A, FCG3B is not capable to mediate antibody-dependent cytotoxicity and phagocytosis. CD16B may serve as a trap for immune complexes in the peripheral circulation which does not activate neutrophils.
Molecular Weight:	33.5 kDa

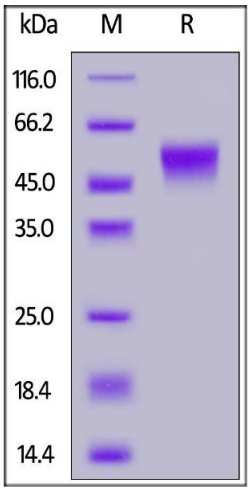
Application Details

Application Notes:	MALS & BLI-verified
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C

Images



SDS-PAGE

Image 1. Human CD16b (NA2), SUMO,His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .