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Datasheet for ABIN7504321
FCGR3A Protein (AA 107-189) (mFc Tag)

Overview

Quantity:	100 µg
Target:	FCGR3A
Protein Characteristics:	AA 107-189
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FCGR3A protein is labelled with mFc Tag.

Product Details

Purpose:	Human Fc gamma RIIIA/CD16a (V176) Domain 2 Protein
Sequence:	Gly107-Thr189
Characteristics:	Recombinant Human Fc gamma RIIIA/CD16a (V176) Domain 2 Protein is expressed from HEK293 with mFc tag at the C-terminus. It contains Gly107-Thr189.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	FCGR3A
Alternative Name:	Fc gamma RIIIA (FCGR3A Products)

Target Details

Background: Human Fc gamma RIIIA/CD16a Protein is a receptor for the Fc region of IgG. Binds complexed or aggregated IgG and also monomeric IgG. Mediates antibody-dependent cellular cytotoxicity (ADCC) and other antibody-dependent responses, such as phagocytosis.

Molecular Weight: 35.29 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months
