

Datasheet for ABIN7597239

## FCGR1A Protein (AA 16-288) (Fc Tag)



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### Overview

Quantity:	10 µg
Target:	FCGR1A
Protein Characteristics:	AA 16-288
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FCGR1A protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant human FCGR1A Protein with C-terminal human Fc tag
Sequence:	FCGR1A(Gln16-Pro288) hFc(Glu99-Ala330)
Purity:	The purity of the protein is greater than 90 % as determined by SDS-PAGE and Coomassie blue staining.

### Target Details

Target:	FCGR1A
Alternative Name:	FCGR1A ( <a href="#">FCGR1A Products</a> )
Background:	<p>CD64, FCG1, FCRI, CD64A, FCGR1, IGFR1, FcgammaRI</p> <p>This gene encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1. [provided by RefSeq, Jul 2008]</p>

## Target Details

Molecular Weight:	predicted molecular mass of 56.8 kDa after removal of the signal peptide.
UniProt:	<a href="#">P12314</a>
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a>

## Application Details

Application Notes:	Extracellular Domain Proteins (ECD) can be used as: <ul style="list-style-type: none"><li>• Immunogens for antibody drug development</li><li>• Reagents used for CAR-T positive cell monitoring</li><li>• Reagents for antibody screening and functional testing</li><li>• Reagents for antibody affinity measurement</li></ul>
Comment:	The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months