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Datasheet for ABIN7535028  
**FCGR1A Protein (His tag)**

### Overview

Quantity:	100 µg
Target:	FCGR1A
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This FCGR1A protein is labelled with His tag.

### Product Details

Purpose:	Active Recombinant Human Fc-gamma RI/CD64 Protein
Sequence:	MWFLTLLLLW VPVDGQVDTT KAVITLQPPW VSVFQEETVT LHCEVLHLPG SSSTQWFLNG TATQTSTPSY RITSASVNDS GEYRCQRGLS GRSDPIQLEI HRGWLLLQVS SRVFTEGEPL ALRCHAWKDK LVYNVLYYRN GKAFKFFHWN SNLTILKTNI SHNGTYHCSG MGKHRYTSAG ISVTVKELFP APVLNASVTS PLLEGNLVTL SCETKLLLQR PGLQLYFSFY MGSKTLRGRN TSSEYQILTA RREDSGLYWC EAATEDGNVL KRSPELELQV LGLQLPTP
Specificity:	Met1-Pro288
Purity:	> 97 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human FCGR1A, His Tag at 2 µg/mL (100 µL/well) can bind Rituximab with a linear range of 15.625-

## Product Details

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58.38 ng/mL.

## Target Details

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Target:	FCGR1A
Alternative Name:	Fc-gamma RI/CD64 ( <a href="#">FCGR1A Products</a> )
Background:	FCGR1A, CD64, CD64A, FCRI, IGFR1, Fc fragment of IgG receptor Ia,CD64,CD64A,FCRI,IGFR1
Gene ID:	2209
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

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Restrictions: For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.