

## Recombinant Human FCGR2A protein, His-Avi-tagged, Biotinylated

Cat. No. FCGR2A-384H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human FCGR2A protein(P12318-1)(Ala36-Ile218(R167)), fused with C-terminal His and Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Ala36-Ile218(R167)
<b>Tag</b>	C-His-Avi
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Biotinylated Human Fc gamma RIIA (R167) , His-Avi Tag captured on CM5 Chip via anti-his antibody can bind Rituximab with an affinity constant of 2.17 µM as determined in SPR assay (Biacore T200).
<b>Molecular Mass</b>	The protein has a predicted MW of 23.2 kDa. Due to glycosylation, the protein migrates to 30-40 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.

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<b>Purity</b>	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
<b>Storage</b>	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

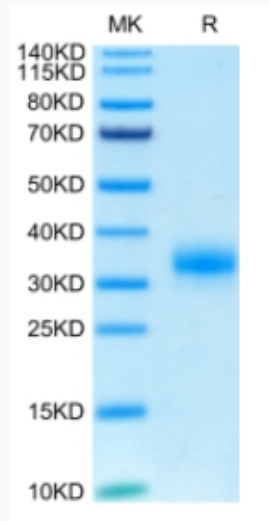
<b>Gene Name</b>	FCGR2A Fc fragment of IgG, low affinity IIa, receptor (CD32) [ Homo sapiens ]
<b>Official Symbol</b>	FCGR2A
<b>Synonyms</b>	FCGR2A; Fc fragment of IgG, low affinity IIa, receptor (CD32); Fc fragment of IgG, low affinity IIa, receptor for (CD32) , FCG2, FCGR2, FCGR2A1; low affinity immunoglobulin gamma Fc region receptor II-a; CD32; CD32A; CDw32; IGFR2; Immunoglobulin G Fc receptor II; fcRII-a; fc-gamma-RIIa; fc-gamma RII-a; igG Fc receptor II-a; FCG2; FcGR; FCGR2; FCGR2A1; MGC23887; MGC30032;
<b>Gene ID</b>	2212
<b>mRNA Refseq</b>	NM_001136219
<b>Protein Refseq</b>	NP_001129691
<b>MIM</b>	146790
<b>UniProt ID</b>	P12318

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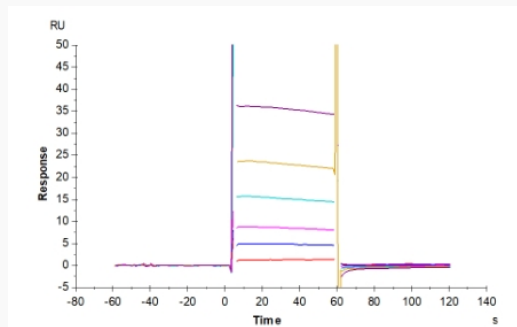
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**Tris-Bis PAGE**



**SPR Data**



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