Active Recombinant Human FCGR2A protein(R167), His-Avi-tagged, Biotinylated

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

SPECIFICATION

Product Overview	Biotinylated Active Recombinant Human FCGR2A protein(R167)(P12318-1)(Gln34-Ile218) is expressed from HEK293 with His tag and Avi tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	34-218 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4).
Bio-activity	Biotinylated Human Fc gamma RIIA (R167), His Tag captured on CM5 Chip via Anti-His Antibody can bind Rituximab, hFc Tag with an affinity constant of 2.93 μM as determined in SPR assay (Biacore S200).
Molecular Mass	The protein has a predicted MW of 23.4 kDa. Due to glycosylation, the protein migrates to 30-40 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

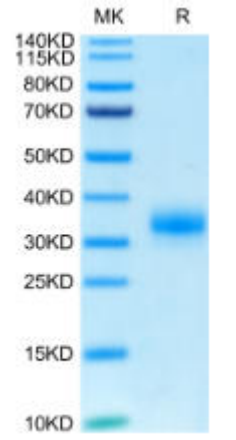
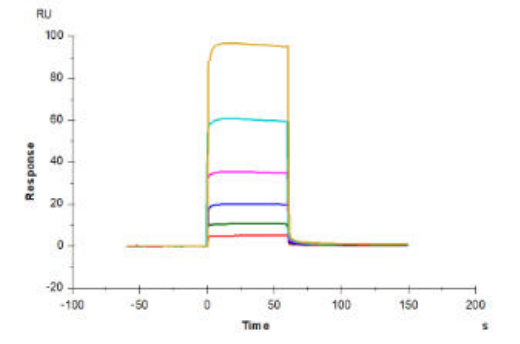
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Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	FCGR2A Fc fragment of IgG, low affinity IIa, receptor (CD32) [Homo sapiens]
Official Symbol	FCGR2A
Synonyms	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;
Gene ID	2212
mRNA Refseq	NM_001136219
Protein Refseq	NP_001129691
MIM	146790
UniProt ID	P12318

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Bis-Tris PAGE	
SPR Data	

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