

## Active Recombinant Rhesus FCGR2A protein, His-tagged

Cat. No. FCGR2A-4111C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rhesus FCGR2A(Met 1-Ile 217) fused with His tag at C-terminal was expressed in HEK293.
<b>Species</b>	Rhesus macaque
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met 1-Ile 217
<b>Description</b>	FCGR2A played an important role in many functions.
<b>Predicted N Terminal</b>	Gln 34
<b>Form</b>	Lyophilized from sterile PBS, pH 7.41. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.
<b>Bio-activity</b>	Measured by its ability to bind biotinylated human IgG1 in a functional ELISA.
<b>Molecular Mass</b>	The recombinant rhesus FCGR2A consists of 195 amino acids and has a calculated molecular mass of 21.7 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE

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<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70 centigrade
<b>Storage</b>	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
<b>Shipping</b>	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

## GENE INFORMATION

<b>Gene Name</b>	FCGR2A Fc fragment of IgG, low affinity IIa, receptor (CD32) [ <i>Macaca mulatta</i> ]
<b>Official Symbol</b>	FCGR2A
<b>Synonyms</b>	CD32; low affinity immunoglobulin gamma Fc region receptor II-a
<b>Gene ID</b>	719996
<b>mRNA Refseq</b>	NM_001257300
<b>Protein Refseq</b>	NP_001244229
<b>MIM</b>	
<b>UniProt ID</b>	

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**Chromosome**

chromosome: 1

**Location**

**Pathway**

Fc gamma R-mediated phagocytosis, organism-specific biosystem; Leishmaniasis, organism-specific biosystem; Phagosome, conserved biosystem

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