

Active Recombinant Rhesus FCGR2A protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Rhesus FCGR2A(Met 1-Ile 217) fused with His tag at C-terminal was expressed in HEK293.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met 1-Ile 217
Description	FCGR2A played an important role in many functions.
Predicted N Terminal	Gln 34
Form	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.
Bio-activity	Measured by its ability to bind biotinylated human IgG1 in a functional ELISA.
Molecular Mass	The recombinant rhesus FCGR2A consists of 195 amino acids and has a calculated molecular mass of 21.7 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

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Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade
Storage	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.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Shipping	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

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

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Chromosome Location	chromosome: 1
Pathway	Fc gamma R-mediated phagocytosis, organism-specific biosystem; Leishmaniasis, organism-specific biosystem; Phagosome, conserved biosystem

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