

Recombinant Cynomolgus FCGR2B protein, His/AVI-tagged

Cat. No. FCGR2B-2971C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus FCGR2B(Met 1-Gly 220) fused with a C-terminal polyhistidine tagged AVI tag at the C-terminus, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met 1-Gly 220
Description	FCGR2B played an important role in many functions.
Predicted N Terminal	Ala 45
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.2. Please contact us for any concerns or special requirements.
Molecular Mass	The recombinant cynomolgus CD32b consists of 211 amino acids and has a calculated molecular mass of 23.5 kDa. The apparent molecular mass of the recombinant protein is approximately 33-35 kDa in SDS-PAGE under reducing conditions due to glycosylation.
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	FCGR2B Fc fragment of IgG, low affinity IIb, receptor (CD32) [Macaca mulatta]
Official Symbol	FCGR2B
Synonyms	CD32B; low affinity immunoglobulin gamma Fc region receptor II-b
Gene ID	720009
mRNA Refseq	NM_001257302
Protein Refseq	NP_001244231
MIM	
UniProt ID	

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**Chromosome
Location**

chromosome: 1

Pathway

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

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