

Recombinant Rat Fcgr2b protein(His 32 - Pro 212), His-tagged

Cat. No. Fcgr2b-4083R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Fcgr2b protein(His 32 - Pro 212)(Q63203), fused with C-terminal His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	His 32 - Pro 212
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	GMP Monoclonal Anti-Human CD3 Antibody (OKT3) immobilized on CM5 Chip can bind Rat CD32b Protein, His Tag with an affinity constant of 1.93 µM as determined in a SPR assay (Biacore 8K).
Molecular Mass	The protein has a calculated MW of 22.4 kDa. The protein migrates as 33-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.

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Please avoid repeated freeze-thaw cycles.
This product is stable after storage at:
-20°C to -70°C for 12 months in lyophilized state;
-70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Fcgr2b Fc fragment of IgG, low affinity IIb, receptor \(CD32\) \[Rattus norvegicus \]](#)

Official Symbol [Fcgr2b](#)

Synonyms

FCGR2B; Fc fragment of IgG, low affinity IIb, receptor (CD32); low affinity immunoglobulin gamma Fc region receptor II-b; FC-gamma RII; igG Fc receptor II beta; Fc receptor, IgG, low affinity IIb; low affinity immunoglobulin gamma FC region receptor II; FCRII; Fcgr2

Gene ID [289211](#)

mRNA Refseq [NM_175756](#)

Protein Refseq [NP_786932](#)

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