

Active Recombinant Rat FCGR2B protein, His-tagged

Cat. No. FCGR2B-1439R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat FCGR2B protein(His32-Pro212), fused with His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	32-212 a.a.
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	This protein carries a polyhistidine tag at the C-terminusThe 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.
Proteinlength	His32-Pro212
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.

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Storage For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after 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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