

Active Recombinant Human FCGR2B protein, His-Avi-tagged, Low Endotoxin

Cat. No. FCGR2B-323H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FCGR2B protein(P31994-1)(46-217 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	46-217 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Loaded Human Fc gamma RIIB, His Tag on Anti-His-Biosensor can bind Rituximab with an affinity constant of 3.09 μ M as determined in BLI assay.
Molecular Mass	The protein has a predicted MW of 22.5 kDa. Due to glycosylation, the protein migrates to 28-38 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name FCGR2B Fc fragment of IgG, low affinity IIb, receptor (CD32) [Homo sapiens]

Official Symbol FCGR2B

Synonyms FCGR2B; Fc fragment of IgG, low affinity IIb, receptor (CD32); Fc fragment of IgG, low affinity IIb, receptor for (CD32), FCG2, FCGR2; low affinity immunoglobulin gamma Fc region receptor II-b; CD32; CD32B; CDw32; fcRII-b; Fc gamma RIIB; fc-gamma-RIIB; fc-gamma RII-b; igG Fc receptor II-b; Fc fragment of IgG, low affinity II, receptor for (CD32); Fc fragment of IgG, low affinity IIb, receptor for (CD32); FCG2; FCGR2; IGFR2;

Gene ID 2213

mRNA Refseq NM_001002273

Protein Refseq NP_001002273

MIM 604590

UniProt ID P31994

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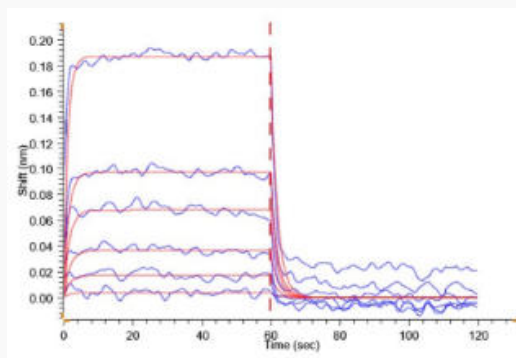
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Bis-Tris PAGE



BLI Data



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