

Active Recombinant Human FCGR2B protein, His-tagged

Cat. No. FCGR2B-650H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FCGR2B protein(Ala46-Pro217), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	46-217 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	1. Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human FCGR2B at 2 µg/mL (100 µL/well) can bind biotinylated Human IgG1 with a linear range of 0.0048-2.81 µg/mL. 2. Measured by its binding ability in a functional ELISA. Immobilized Human FCGR2B at 2µg/mL (100 µL/well) can bind FCGR2B Rabbit pAb with a linear range of 0.3-77.48ng/mL.
Molecular Mass	20.17 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE; ≥95 % as determined by HPLC.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months,

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at 2-8°C for up to 1 week.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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

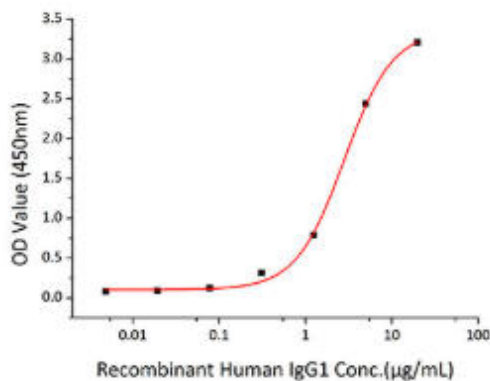
UniProt ID P31994

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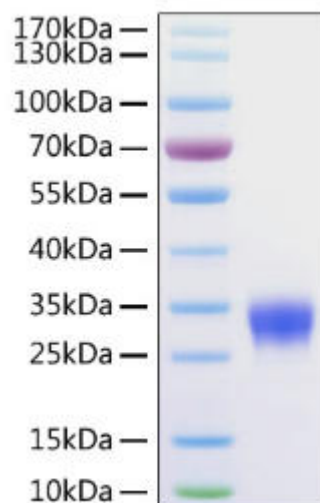
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Activity



SDS-PAGE



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