

Active Recombinant Human FCGR2B Protein, His & Avi-tagged, Biotinylated

Cat. No. FCGR2B-324H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human FCGR2B Protein(Ala 46-Ile 224) (NP_001002274.1) was fused with a signal peptide at the N-terminus and a c-terminal polyhistidine tagged AVI tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Ala 46-Ile 224
Form	Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	1. Measured by its ability to bind human IgG1 in functional ELISA. 2. Using the Octet RED System, the affinity constant (Kd) of CD32B / Fcgr2b Protein, Human, Recombinant (His & AVI Tag), Biotinylated bound to Avastin was 0.02 μ M.
Molecular Mass	The recombinant mature human CD32b consists of 214 amino acids after proteolytic removal of the signal peptide and predicts a molecular mass of 24 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of the protein is approximately 35 kDa protein due to glycosylation.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method

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Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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.
Conjugation	Biotin

GENE INFORMATION

Gene Name	FCGR2B Fc fragment of IgG, low affinity IIb, receptor (CD32) [Homo sapiens]
Official Symbol	FCGR2B
Synonyms	FCGR2B; CD32; CD32B; CDw32; fcRII-b; Fc gamma RIIB; FCG2; FCGR2; IGFR2;
Gene ID	2213
mRNA Refseq	NM_001002273.2
Protein Refseq	NP_001002273.1
MIM	604590
UniProt ID	P31994

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