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32-13229: FCGR3B Human

Alternative Name :	Fc Fragment Of IgG Receptor IIIb, Fc Fragment Of IgG, Low Affinity IIIb, Receptor (CD16b), Fc Gamma Receptor IIIb, IgG Fc Receptor III-1, Fc-Gamma RIII-Beta, Fc-Gamma RIIIb, FCRIIIb, FCR-10, FCRIII, FCGR3, CD16b, FCG3, Fc Fragment Of IgG, Low Affinity IIIb, Receptor For (CD16), Low Affinity Immunoglobulin Gamma Fc Region Receptor III-B, Fc-Gamma Receptor IIIb (CD 16), Fc-Gamma RIII, CD16b Antigen, IGFR3, CD16.

Description

Source: Sf9, Baculovirus cells.
Sterile filtered colorless solution.
FCGR3B, also known as CD16b belongs to the Ig super family. FCGR3B encodes a glycosylphosphatidylinositol (GPI)-anchored protein which is expressed constitutively by neutrophils. FCGR3B binds to complex or aggregated IgG and monomeric IgG. Different from III-A, FCGR3B cannot arbitrate antibody-dependent cytotoxicity and phagocytosis. FCGR3B operate to capture immune complexes in peripheral blood circulation that does not activate neutrophils.
FCGR3B produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 188 amino acids (21-200a.a.) and having a molecular mass of 21.4kDa. (Molecular size on SDS-PAGE will appear at approximately 28-40kDa).FCGR3B is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	FCGR3B protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	EDLPKAVVFL EPQWYSVLEK DSVTLKCQGA YSPEDNSTQW FHNENLISSQ ASSYFIDAAT VNDSGEYRCQ TNLSTLSDPV QLEVHIGWLL LQAPRWVFKE EDPIHLRCHS WKNTALHKVT YLQNGKDRKY FHHNSDFHIP KATLKDSGSY FCRGLVGSKN VSSETVNITI TQGLAVSTISÂ VEHHHHHH.

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