

CD16a Human Recombinant, Sf9

Item Number rAP-0072

Synonyms Low affinity immunoglobulin gamma Fc region receptor III-A, CD16a antigen, Fc-gamma, RIII-alpha, Fc-gamma RIII, Fc-gamma RIIIa, FcRRIII, FcRRIIIa, FcR-10, IgG Fc receptor III-2, CD16a, FCGR3A, FCG3, FCGR3, IGFR3, CD16, FCGRIII.

Description FCGR3A Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 200 amino acids (18-208 a.a.) and having a molecular mass of 22.8kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). FCGR3A is fused with a 6 amino acids His tag at C-

Uniprot Accesion Number P08637

Amino Acid Sequence ADPMRTEEDLP KAVVFLEPQW YRVLEKDSVT LKCQGAYSPE DNSTQWFHNE SLISSQASSY FIDAAT-
VDDS GEYRCQTNLS TLSDPVQLEV HIGWLLLQAP RWVFKEEDPI HLRCHSWKNT ALHKVTYLQN
GKGRKYFHHN SDFYIPKATL KDGSFYFCRG LFGSKNVSE TVNITITQGL AVSTISSLFP
PGYQHHHHHH.

Source Sf9, Baculovirus cells.

Physical Appearance and Stability Sterile filtered colorless solution. 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.

Formulation and Purity FCGR3A protein solution (0.25mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.

Application

Solubility

Biological Activity

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**