9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

FCGR2A Human

CD32a Human Recombinant
CDA0135

Product Overview

Name	FCGR2A Human
Description	
CD32a Human Recombinant	
Accession (Primary)	P21589
Synonyms	
CD32, CD32A, CDw32, FcGR, IGFR2, MGC23887, MGC30032, Low affinity immunoglobulin gamma Fc region receptor II-a, IgG Fc receptor II-a, Fc-gamma-RIIa, FcRII-a, FCG2, FCGR2A1.	
Introduction	
CD32a, also known as FCGR2A, belongs to a family of immunoglobulin Fc receptor genes located on the surface of various immune response cells. FCGR2A which is a cell surface receptor found on phagocytic cells like macrophages and neutrophils, takes part in the process of phagocytosis and clearing of immune complexes. FCGR2A initiates cellular responses against pathogens and soluble antigens by binding to IgG. FCGR2A, which is a low affinity receptor, binds to the Fc region of immunoglobulins gamma.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
FCGR2A protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 50% glycerol and 1mM DTT.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSHM QAAPP KAVLKLEPPW INVLQEDSVT LTCQGARSPE SDSIQWFHNG NLIPTHTQPS YRFKANNNDS GEYTCQTGQT SLSDPVHLTV LSEWLVLQTP HLEFQEGETI MLRCHSWKDK	

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PLVKVTFFQN GKSQKFSRLD PTFSIPQANH SHSGDYHCTG NIGYTLFSSK PVTITVQVPS MGSSSPMG.

Precautions

FCGR2A Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P21589)