

Product information



FCGR2A, 34-216aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1936

Full name: Low affinity immunoglobulin gamma Fc region receptor II-a

NCBI Accession No.: AAH19931

Synonyms: CD32, CD32A, CDw32, FcGR, IGFR2, MGC23887, MGC30032

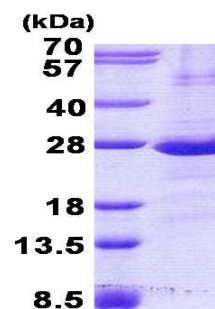
Description: Low affinity immunoglobulin gamma Fc region receptor II-a, also known as FCGR2A, is a member of a family of immunoglobulin Fc receptor genes found on the surface of many immune response cells. This protein is a cell surface receptor found on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes. Recombinant human FCGR2A protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl,
50% glycerol, 1mM DTT

Molecular Weight: 23.0 kDa (208aa) confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

Concentration: 0.25 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MGSHMQAAPP KAVLKLEPPW INVLQEDSVT LTCQGARSPE SDSIQWFHNG NLIPHTHTQPS YRFKANNDNS
GEYTCQTGQT SLSDPVHLTV LSEWLVLQTP HLEFQEGETI MLRCHSWKDK PLVKVTFFQN GKSQKFSRLD PTFSIPQANH SHSGDYHCTG
NIGYTLFSSK PVTITVQVPS MGSSSPMG

General references:

Lu J., *et al.* (2008) *Nature*. 456:989-992

Rikova K., *et al.* (2007) *Cell*. 131:1190-1203

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA
Phone: (888) 523-1246 Fax: (763) 780-2988
Email: info@ibl-america.com Web: www.ibl-america.com