

FCGR1A Human

Description: FCGR1A Human Recombinant produced in E. coli is a single polypeptide chain containing 302 amino acids (16-292) and having a molecular mass of 33.8 kDa. FCGR1A is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-1235

For research use only.

Synonyms: Fc Fragment Of IgG High Affinity Ia Receptor (CD64), High Affinity Immunoglobulin Gamma Fc Receptor I, Fc-Gamma Receptor I A1, FcgammaRIa, CD64 Antigen, IgG Fc Receptor I, Fc-Gamma RI, CD64, CD64A, IGFR1, FCRI.

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSHMQVDTT KAVITLQPPW
VSVFQEETVT LHCEVLHLP G SSSTQWFLNG TATQTSTPSY RITSASVND S GEYRCQRGLS
GRSDPIQLEI HRGWLLQVS SRVFTEGEPL ALRCHAWKDK LVYNVLYYRN GKAFKFFHWN
SNLTILKTNI SHNGTYHC SG MGKHRYTSAG ISVTVKELFP APVLNASVTS PLLEGNLVTL
SCETKLLLQR PG

Purity: Greater than 85% as determined by SDS-PAGE.

Formulation:

The FCGR1A solution contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 10% glycerol.

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

FCGR1A is a member of the immunoglobulin superfamily. FCGR1A protein acts as a high affinity receptor for the Fc region of immunoglobulins gamma and has a vital part in both innate and adaptive immune response.

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