

CD64 Human Recombinant

Item Number	rAP-0070
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.
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.
Uniprot Accession Number	P12314
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSHMQVDTT KAVITLQPPW VSVFQEETVT LHCEVLHLPG SSSTQW- FLNG TATQTSTPSY RITSASVND S GEYRCQRGLS GRSDPIQLEI HRGWLLQVS SRVFTEGEPL AL- RCHAWKDK LVYNVLYYRN GKAFKFFHWN SNLTILKTNI SHNGTYHCSG MGKHRYTSAG ISVTVKELFP APVLNASVTS PLLEGNLVTL SCETKLLLR PGLQLYFSFY MGSKTLRGRN TSSEYQILTA RREDSGLYWC EAATEDGNVL KRSPLELQV LGLQLPTPVW FH
Source	E.coli.
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	The FCGR1A solution contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 10% glycerol. Greater than 85% 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**