

AR50558PU-S

Human CD64 / FCGR1A (16-292, His-tag) - Purified

Alternate names:	Fc-gamma RI, Fc-gamma RIA, FcRI, FcgammaRIa, High affinity immunoglobulin gamma Fc receptor I, IgG Fc receptor I
Quantity:	20 µg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	FCGR1A, also known as CD64, belongs to the immunoglobulin superfamily. This protein is high affinity receptor for the Fc region of immunoglobulins gamma. It plays an important role in both innate and adaptive immune response. Recombinant human FCGR1A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques
Uniprot ID:	P12314
NCBI:	NP_000557
GeneID:	2209
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT
Description:	AA Sequence: MGSSHHHHHH SGLVPRGSH MGSHMQVDTT KAVITLQPPW VSVFQEETVT LHCEVLHLPG SSSTQWFLNG TATQTSTPSY RITSASVND S GEYRCQRGLS GRSDPIQLEI HRGWLLLQVS SRVFTEGEPL ALRCHAWKDK LVYNNVLYRN GKAFKFFHWN SNLTILKTNI SHNGTYHCSG MGKHRYTSAG ISVTVKELFP APVLNASVTS PLLEGNLVTL SCETKLLLQR PGLQLYFSFY MGSKTLRGRN TSSEYQILTA RREDSGLYWC EAATEDGNVL KRSPLELQV LGLQLPTPVW FH Molecular weight: 33.8 kDa (302aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Ernst L.K., et al. (1998) Mol. Immunol. 35:943-954 van Vugt M.J., et al. (1999) Blood. 94:808-817

Pictures:

