

FCGR1A, 16-292aa , Human, His tag, E.coli

Cat.NO.: TP02102

3th Edition

Synonyms:High affinity immunoglobulin gamma Fc receptor I, CD64, CD64A, FCRI, IGFR1.

Description: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.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

Molecular Weight:33.8 kDa (302aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMQVDTTKAVITLQPPWVSVFQEETVTLHCEVLHLPGSSSTQWFLNGTATQ
TSTPSYRITSASVNDSGEYRCQRGLSGRSDPIQLEIHRGWLLLQVSSRVFTEGEPLALRCHAWKDKLVYNNVLYRN
GKAFKFFHWNSNLTKTNISHNGTYHCSGMGKHRYTSAGISVTVKELFPAPVLNASVTSPLEGNLVTLSCKETKLLL
QRPGLQLYFSFYMGSKTLRGRNTSSEYQILTARREDSGLYWCEAATEDGNVLKRSPLELQVLGLQLPTPVWFH

Purity:> 95% by HPLC

Concentration:0.5 mg/ml

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.