

FCGR2A, 34-216aa Human, His tag, E.coli

Cat.NO.: TP02103

3th Edition

Synonyms:Low affinity immunoglobulin gamma Fc region receptor II-a, 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

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMQAAPPKAVLKLEPPWINVLQEDSVTLTCQGARSPESDSIQWFHNGNLIP
THTQPSYRFKANNNDSGEYTCQTGQTSLSDPVHLTVLSEWLVLQTPHLEFQEGETIMLRCHSWKDKPLVKVTFFQ
NGKSQKFSRLDPTFSIPQANHSHSGDYHCTGNIGYTLFSSKPVTITVQVPSMGSSSPMG

Purity:> 95% by HPLC

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

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.