

FCGR2B, 46-217 aa, Human, His tag, E.coli

Cat.NO.: TP02104

3th Edition

Synonyms:Fc fragment of IgG, low affinity IIb, receptor, CD32, CD32B, FCG2, FCGR2, IGFR2

Description:FCGR2B is a low affinity receptor for the Fc region of immunoglobulin gamma complexes. The protein is involved in the phagocytosis of immune complexes and in the regulation of antibody production by B-cells. Variations in this gene may increase susceptibility to systemic lupus erythematosus (SLE). Several transcript variants encoding different have been found for this gene. Recombinant human FCGR2B 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 0.15M NaCl, 30% glycerol, 1mM DTT

Molecular Weight:22.0 kDa (197aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMAPPKAVLKLEPQWINVLQEDSVTLTCRGTHSPESDSIQWFHNGNLIPHTHT
QPSYRFKANNNDSGEYTCQTGQTSLSDPVHLTVLSEWLVLTQTPHLEFQEGETIVLRCHSWKDKPLVKVTFFQNGK
SKKFSSRSDPNFSIPQANHSHSGDYHCTGNIGYTLYSSKPVTITVQAP

Purity:> 95% by HPLC

Concentration:0.5 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.