

**FCGR3A, 18-208aa, Human, His tag, E.coli**

**Cat.NO.: TP02105**

3th Edition

**Synonyms:**Low affinity immunoglobulin gamma Fc region receptor III-A, CD16, CD16A, FCG3, FCGR3, FCGRIII, FCR-10, FCRIII, FCRIIIA, IGFR3.

**Description:**Low affinity immunoglobulin gamma Fc region receptor III-A (FCGR3A), also known as CD16A. This gene encodes a receptor for the Fc portion of immunoglobulin G, and it is involved in the removal of antigenantibody complexes from the circulation, as well as other antibody-dependent responses. FCGR3A requires association of the gamma subunit of Fc epsilon RI or the zeta subunit of the TCR-CD3 complex for cell surface expression.

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

**Molecular Weight:**26 kDa (228aa)

**Sequences:**

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSHMRTEDLPKAVVFLEPQWYRVLEKDSVTLKCQGAYS  
PEDNSTQWFHNESLISSQASSYFIDAATVDDSGEYRCQTNLSTLSDPVQLEVHIGWLLLQAPRWVFKEEDPIHLRC  
HSWKNTALHKVTYLQNGKGRKYFHHNSDFYIPKATLKDSGSYFCRGLFGSKNVSSETVNITITQGLAVSTISSFFPP  
GYQ

**Purity:**> 95% by HPLC

**Concentration:**1 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.