

Recombinant Human CD16b / FCGR3B Protein, Biotinylated

Cat.NO.: TP08618

3th Edition

Synonyms:CD16;CD16b;Fc gamma RIIIb;FCG3;FCGR3;FCR-10;FCRIII;FCRIIIb

Description:Low affinity immunoglobulin gamma Fc region receptor III-B, also known as Fc-gamma RIII-beta, FcR-10, IgG Fc receptor III-1, FCG3, FCGR3, CD16b and FCGR3B. FCGR3B is a GPI-anchor membrane protein and contains two Ig-like C2 type domains. FCGR3B can be expressed in orphonuclear leukocytes and stimulated eosinophils. FCGR3B can interact with INPP5D/SHIP1. FCGR3B localizes in the FCGR gene cluster is a CN polymorphic gene involved in the recruitment of polymorphonuclear neutrophils to sites of inflammation and their activation. FCGR3B may serve as a trap for immune complexes in the peripheral circulation which does not activate neutrophils.

Form:PBS

Molecular Weight:20 kDa

Sequences:Met 18-Gly 193

Purity:> 95% by HPLC

Concentration:

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.