

## 32-7850: Recombinant Human Fc gamma RIIB/FCGR3B/CD16b (C-Fc-6His)

**Gene :** FCGR3B  
**Gene ID :** 2215  
**Uniprot ID :** O75015

### Description

Source: Human Cells.  
MW :51.4kD.

Recombinant Human Fc gamma RIIB is produced by our Mammalian expression system and the target gene encoding Thr20-Gln208 is expressed with a Fc, 6His tag at the C-terminus. Low affinity immunoglobulin gamma Fc region receptor III-B, also known as Fc-gamma RIIB-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 orthonuclear 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** TEDLPKAVVFLEPQWYSVLEKDSVTLKCQGAYSPEDNSTQWFHNESSLISSQASSYFIDAATVNDSGEYRCQTNL  
STLSDPVQLEVHIGWLLLQAPRWVFKEDPIHLRCHSWKNTALHKVTYLQNGKDRKYFHHNSDFHIPKATLKD  
SGSYFCRGLVGSKNVSETVNITITQGLAVSTISSFSPPGYQVDDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPS  
VFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQD  
WLNQKEYKCKVSNKALPAPIEKTKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQ  
PENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGKHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.