

## 32-7622: Recombinant Mouse Fc gamma RII/CD32b/FCGR2 (C-6His)

**Gene :** Fcgr2  
**Gene ID :** 14130  
**Uniprot ID :** P08101

### Description

Source: Human Cells.  
MW :21.6kD.

Recombinant Mouse Fc gamma RII is produced by our Mammalian expression system and the target gene encoding Thr30-Pro210 is expressed with a 6His tag at the C-terminus. Low affinity immunoglobulin gamma Fc region receptor II (CD32B) is a single-pass type I membrane protein and contains 2 Ig-like C2-type (immunoglobulin-like) domains. The inhibitory CD32B is expressed on B cells and myeloid dendritic cells. Ligation of CD32B on B cells downregulates antibody production and may, in some circumstances, promote apoptosis. Co-ligation of CD32B on dendritic cells inhibits maturation and blocks cell activation. CD32B may also be a target for monoclonal antibody therapy for malignancies.

### 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 :** THDLPKAVVKLEPPWIQVLKEDVTLTCEGTHNPGNSSTQWFHNGRSIRSQQASYTFKATVNDSGEYRCQM  
EQRLSDPVDLGVISDWLLLQTPQLVFLEGETITLRCHSWRNKLLNRISFFHNEKSVRYHHYSSNFSIPKANHSH  
SGDYCKGSLGRTLHQSKPVTITVQGPKSSRSLPVDHHHHHH

### 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.