

## 32-8729: Recombinant Mouse IAP/OA3/CD47 (C-Fc)

**Gene :** Cd47  
**Gene ID :** 16423  
**Uniprot ID :** Q61735

### Description

Source: Human Cells.  
MW :42.8kD.

Recombinant Mouse CD47 is produced by our Mammalian expression system and the target gene encoding Gln19-Pro158 is expressed with a Fc tag at the C-terminus. CD47 is involved in the increase in intracellular calcium concentration that occurs upon cell adhesion to extracellular matrix. The protein is also a receptor for the C-terminal cell-binding domain of thrombospondin, and it may play a role in membrane transport and signal transduction. This protein has broad tissue distribution, and is reduced in expression on Rh erythrocytes.

### 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 :** QLLFSNVNSIEFTSCNETVVIPICIVRNVEAQSTEEMFVKWKLKNSYIFIYDGNKNSTTTDQNFSAKISVSDLINGI ASLKMDKRDAMVGNVTCEVTELSREGKTVIELKNRTAFNTDQGSACSYEEEKGGCKLVSWFSPVDDIEGRMD EPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT KPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQV SLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHY TQKLSLSLSPGK

### Application Note

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