

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
ASLKMDKRDAMVGNYTCEVTELSREGKTVIELKNRTAFNTDQGSACSYYYEEKGCKLVSWFSPVDDIEGRMD
EPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT
KPREEQYNSTYRVVSVLTVLHQDWLNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQV
SLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHY
TQKSLSLSPGK

Application Note

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