

## 32-8811: Recombinant Mouse CD27/TNFRSF7 (C-Fc-6His)

**Gene :** Cd27  
**Gene ID :** 21940  
**Uniprot ID :** P41272

### Description

Source: Human Cells.  
MW :45.8kD.

Recombinant Mouse CD27 antigen is produced by our expression system and the target gene encoding Pro24-Arg182 is expressed with a Fc, 6His tag at the C-terminus. Mouse CD27 is a single-pass type I membrane protein which is a member of the tumor necrosis factor receptor superfamily. CD27 is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. CD27 transduces signals that lead to the activation of NF- $\kappa$ B and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor.

### Product Info

**Amount :** 10  $\mu$ g / 50  $\mu$ g  
**Content :** Lyophilized from a 0.2  $\mu$ m 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 :** PNSSCPDKHYWTGGGLCCRMCEPGTFFVKDCEQDRTAQCDPCIPGTSFSPDYHTRPHCESCRHCNSGFLIRNCTVTANAECSCSKNWQCRDQECTECDPPLNPALTRQPSETPSPQPPPHLPHGTEKPSWPLHRQLPNSTVYSQRSSHRPLCSSDCIRVDDIEGRMDEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGKHHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) as determined by LAL test.