

Recombinant Mouse B7-H4

Catalog No: CP48

Description	Recombinant Mouse CD27 antigen is produced by our Mammalian expression system and the target gene encoding Pro24-Arg182 is expressed with a Fc, 6His tag at the C-terminus.
Source	Human Cells
Alternative name	CD27 antigen; CD27L receptor; T-cell activation antigen CD27; Tumor necrosis factor receptor superfamily member 7; CD27
Accession No.	P41272
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Quality Control	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	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 Sequence	PNSCPDKHYWTGGGLCCRMCEPGTFFVKDCEQDRTAAQCDCIPGTSFSPDYHTRPHCESCRHCNS GFLIRNCTVTANAECSCSKNWQCRDQECTCDPPLNPALTRQPSETPSPQPPPTHLPHGTEKPSWPL HRQLPNSTVYSQRSSHRPLCSDCIRVDDIEGRMDPEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPK DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLN GKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESN GQPENNYKTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGKHHHH HH
Background	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- κ 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.

SDS-Page

