

32-8447: Recombinant Mouse CD28//TP44 (C-Fc-6His)

Gene : Cd28
Gene ID : 12487
Uniprot ID : P31041

Description

Source: Human Cells.
MW :43kD.

Recombinant Mouse CD28 is produced by our Mammalian expression system and the target gene encoding Asn20-Lys149 is expressed with a Fc, 6His tag at the C-terminus. T-cell-specific surface glycoprotein CD28, contains an Ig-like V-type domain. CD28 is one of the proteins expressed on T cells that provide co-stimulatory signals, which are required for their activation. It is the receptor for CD80 and CD86. When activated by Toll-like receptor ligands, the CD80 expression is upregulated in antigen presenting cells (APCs). The CD86 expression on antigen presenting cells is constitutive. CD28 is the only B7 receptor constitutively expressed on naive T cells. It involved in T-cell activation, the induction of cell proliferation and cytokine production and promotion of T-cell survival.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,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 : NKILVKQSPLLVVDVSNEVSLSCRYSYNLLAKEFRASLYKGVNSDVEVCVGNNGNFTYQPQFRSNAEFNCDGDFD
NETVTFRLWNLHVNHTDIYFCKIEFMYPPPYLDNERSNGTIIHIKEKHLCHTQSSPKVDDIEGRMDEPKSCDKTH
TCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNS
TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFY
PSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCVMHEALHNHYTQKSLSLSPG
KHHHHHH

Application Note

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