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32-8449: Recombinant Mouse 4-1BB/TNFRSF9/CD137 (C-Fc)

Gene : Tnfrsf9
Gene ID : 21942
Uniprot ID : P20334

Description

Source: Human Cells.
MW :44.7kD.
Recombinant Mouse 4-1BB ligand receptor is produced by our Mammalian expression system and the target gene encoding Val24-Leu187 is expressed with a Fc tag at the C-terminus. Tumor necrosis factor receptor superfamily member 9(TNFRSF9) is a member of the tumor necrosis factor (TNF) receptor family. It can be induced by lymphocyte activation (ILA) and is expressed by activated T cells, but to a larger extent on CD8 than on CD4 T cells. In addition, TNFRSF9 expression is found on dendritic cells, follicular dendritic cells, natural killer cells, granulocytes and cells of blood vessel walls at sites of inflammation. As receptor for TNFSF9/4-1BBL, it can activate T cells and the cross-linking of this protein can enhance T cell proliferation, IL-2 secretion survival and cytolytic activity. Further, it can enhance immune activity to eliminate tumors in mice.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : VQNSCDNCQPGTFCRKYNPVCKSCPPSTFSSIGGQPNCNICRVCAGYFRFKKFCSSTHNAECECIEGFHCLGPQ
CTRCEKDCRPGQELTKQGCKTCSLGTFNDQNGTGVCRPWTNCSLDGRSVLKTGTTEKDVVCGPPVVSFSPST
TISVTPEGGPGGHSLQVLVDDIEGRMDEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVV
VDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTI
SKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKL
TVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

Application Note

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

For Research Use Only. Not for use in diagnostic/therapeutics procedures.