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32-8561: Recombinant Mouse HVEM/TNFRSF14/TR2/CD270 (C-Fc)

Gene : Tnfrsf14
Gene ID : 230979
Uniprot ID : Q80WM9

Description

Source: Human Cells.
MW :45.6kD.
Recombinant Mouse Herpesvirus Entry Mediator is produced by our Mammalian expression system and the target gene encoding Gln39-Val207 is expressed with a Fc tag at the C-terminus. Mouse Protein Tnfrsf14, is a type I transmembrane protein belonging to the TNF receptor superfamily. It is tumor necrosis factor receptor superfamily member 14 and expressed on the surface of T cells during the resting state. Interaction of HVEM with TNF family member LIGHT co-stimulates T cells and promotes inflammation. HVEM also triggers inhibitory signaling cascade in effector T (Teff) cells and regulatory T cells (Tregs) as a ligand of B and T lymphocyte attenuator. Tnfrsf14 is detected in peripheral blood T cells, B cells, monocytes and in various tissues enriched in lymphoid cells. It has demonstrated that HVEM Ig is able to exert a significant antiviral effect against HSV-1 infection in vivo.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
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 :	GYHVKQVCSEHTGTVCAPCPPQTYTAHANGLSKCLPCGVCDPDMGLLTWQECSSWKDTVCRCIP GYFCENQDGSHCSTCLQHTTCPPGQRVEKRGTHDQDTVCADCLTGTFSLGGTQEECLPWTNCS AFQQEVRRGTNSTDTTCSSQVVDDIEGRMDEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDT LMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLN GKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEW ESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSP GK

Application Note

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