

32-8565: Recombinant Mouse TRANCE/RANK L/TNFSF11 (C-6His)

Gene : Tnfsf11
Gene ID : 21943
Uniprot ID : O35235

Description

Source: Human Cells.
MW :28.5kD.

Recombinant Mouse TNF-related Activation-induced Cytokine is produced by our Mammalian expression system and the target gene encoding Ala73-Asp316 is expressed with a 6His tag at the C-terminus. Mouse tumor necrosis factor ligand superfamily member 11(Tnfsf11) is a member of the tumor necrosis factor (TNF) cytokine family. Tnfsf11 is widely expressed in cells including T cells and T cell rich organs, such as thymus and lymph nodes. This cytokine can bind to TNFRSF11B/OPG and TNFRSF11A/RANK. Tnfsf11 is involved in a number of fundamental biological processes such as acting as regulator of interactions between T-cells and dendritic cells, the regulation of the T-cell-dependent immune response and enhancing bone-resorption in humoral hypercalcemia of malignancy. It augments the ability of dendritic cells to stimulate naive T-cell proliferation.

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 : AQMDPNRISEDSTHCFYRILRLHENAGLQDSTLESEDTLPDSCRMMKQAFQGVQKELQHIVGPRFSGAPAM
MEGSWLDVAQRGKPEAQPFALHTINAASIPSGSHKVTLSWYHDRGWAKISNMTLSNGKLRVNQDGFYLYA
NICFRHHETSGSVPTDYLQLMVYVVKTSIKIPSSHNLKGGSTKNWSGNSEHFYSINVGFFKLRAGEEISIQV
SNPSLLDPDQDATYFGAFKVQDIDVDHHHHHH

Application Note

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