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32-6565: TNFRSF4 Human

Alternative Name :	TNFRSF4, TNF Receptor Superfamily Member 4, TAX Transcriptionally-Activated Glycoprotein 1 Receptor, OX40L Receptor, ACT35 Antigen, CD134 Antigen, TXGP1L, Tax-Transcriptionally Activated Glycoprotein 1 Receptor, Tumor Necrosis Factor Receptor Superfamily, Member 4, Tumor Necrosis Factor Receptor Superfamily Member 4 , Lymphoid Activation Antigene ACT35, Â OX40 Cell Surface Antigen, OX40 Homologue , ATC35 Antigen, OX40 Antigen , ACT35, CD134, IMD16, OX40. Â Â Â

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
TNFRSF4, also known as TNF Receptor Superfamily Member 4, is a T cell co-stimulatory molecule which belongs to the TNF receptor superfamily. TNFRSF4 coordinates with other co-stimulatory substances such as CD28, CD40, CD30, CD27 and 4-1BB to control the activation of the immune response. TNFRSF4 takes a vital part in antigen-specific T cell expansion as well as survival. TNFRSF4 is up-regulated on CD4+ and CD8+ T cells upon engagement of the TCR by antigen presenting cells along with co-stimulation by CD40-CD40 Ligand and CD28-B7. In addition, TNFRSF4 regulates cytokine production from T cells, antigen presenting cells, natural killer cells and natural killer cells. TNFRSF4 regulates cytokine receptor signaling.
TNFRSF4 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 425 amino acids (29-214a.a.) and having a molecular mass of 46.9Da. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).
TNFRSF4 is expressed with a 239 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	TNFRSF4 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid :	LHCVGDTYPS NDRCCHECRP GNGMVSRCSR SQNTVCRPCG PGFYNDVVSS KPCKPCTWCN LRSGSERKQL CTATQDTVCR CRAGTQPLDS YKPGVDCAPC PPGHFSPGDN QACKPWTNCT LAGKHTLQPA SNSSDAICED RDPPATQPQE TQGPPARPIT VQPTEAWPRT SQGPSTRPVE VPGGRALEPK SCDKTHTCPP CPAPELLGGP SVFLFPPKPK DTLMISRTPE VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSRDEL TKNQVSLTCL VKGFYPSDIA VEWESNGQPEÂ NNYKTTPPVL DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM HEALHNHYTQ KSLSLSPGKH HHHHH