

32-13669: Mouse OX40L

Alternative Name : Tumor necrosis factor ligand superfamily member 4, OX40 ligand, OX40L, OX-40L, CD252, Tnfsf4, Ox40l, Txgp1l, gp3, OX4, Ath-1, Ath1, CD134L, gp34, Tnlg2b, Txgp1l

Description

Source:Sf9, Baculovirus cells.

Physical Appearance:Sterile filtered colorless solution.

Biological ActivityDetermined by its binding ability in a functional ELISA with Human TNFRSF4.

OX40 Ligand is a part of the tumor necrosis factor (TNF) receptor family. OX40L receptor is OX40 which is expressed predominantly on activated CD4+ T cells. OX40 Ligand is expressed on various antigen-presenting cells such as macrophages, DC2s and activated B lymphocytes. Expression of OX40 is momentary following engagement of T cell receptors. The ligation of OX40-OX40L stimulates proliferation and differentiation of activated B cells, increases immunoglobulin secretion and is also a source of survival signal for T cells and enables the development of memory T cells.

OX40L Mouse produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 157 amino acids (51-198 aa) and having a molecular mass of 17.7kDa. OX40L is fused to a 6 amino acid His tag at C-terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 10 µg / 2 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

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 : ADPSSSPAKD PPIQRLRGAV TRCEDGQLFI SSYKNEYQTM EVQNNSSVVIK CDGLYIIYLK GSFFQEVKID LHFREDHNPI SIPMLNDGRR IVFTVVASLA FKDKVYLTVN APDTLCEHLQ INDGELIVVQ LTPGYCAPEG SYHSTVNQVP LHHHHHHH