

**Recombinant Mouse OX40 Ligand/TNFSF4/OX40L Protein(N-8His)**

**Cat.NO.: TP05400**

3th Edition

**Synonyms:**Tumor necrosis factor ligand superfamily member 4; OX40 ligand; OX40L; CD252; Tnfsf4

**Description:**OX40 ligand (OX40L), also called CD252, is a single-pass type II membrane protein of the TNF/TNF receptor superfamily. OX40L is expressed by DCs, macrophages and B cells and signals via its cognate receptor OX40 which is mainly expressed on APCs. OX40L/OX40 interactions are important in T-cell activation and survival and for the generation of memory T cells from activated effector T cells. OX40L–OX40 co-stimulation leads to activation of TNF receptor associated factor (TRAF) 2, 3 and 5. This pathway has been shown to prolong the survival of effector CD4+Th cells as well as contributes to generation of memory T cells.

**Form:**PBS

**Molecular Weight:**17.7 kDa

**Sequences:**Ser51-Leu198

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.