

## 32-9500: Recombinant Human OX40/TNFRSF4/CD134 (C-Fc)

**Alternative Name :** Tumor necrosis factor receptor superfamily member 4, TNFRSF4, OX40, CD134, Txgp1, REF: C1130

### Description

Source : Human Cells;

OX40, also termed CD134 and TNFRSF4, is a T cell co-stimulatory molecule of the TNF receptor superfamily which plays a key role in the survival and homeostasis of effector and memory T cells. OX40 is expressed 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. The interaction between OX40 and OX40 ligand (OX40L) will occur when activated T cells bind to professional antigen-presenting cells (APCs). The T-cell functions, including cytokine production, expansion, and survival, are then enhanced by the OX40 costimulatory signals. OX40 signals are critical for controlling the function and differentiation of Foxp3+ regulatory T cells. OX40-OX40L interaction regulates T-cell tolerance, peripheral T-cell homeostasis, and T-cell-mediated inflammatory diseases.

### Product Info

**Amount :** 500 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

**Amino Acid :** Recombinant Human OX40 is produced by our Mammalian expression system and the target gene encoding Leu29-Ala216 is expressed with a Fc tag at the C-terminus.