



Recombinant Protein Technical Manual

Recombinant Human TNFSF4/OX40L Protein (mFc Tag)

RPES0652

Product Data:

Product SKU: RPES0652

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P23510

Protein Information:

Molecular Mass: 42.2 kDa

AP Molecular Mass: 50-70 kDa

Tag: C-mFc

Bio-activity:

Purity: > 95% as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Tumor necrosis factor ligand superfamily member 4;Glycoprotein Gp34;OX40 ligand;OX40L;TAX transcriptionally-activated glycoprotein 1;TNFSF4;CD252;TXGP1;CD134L;CD252;GP34;OX-40;TXGP1

Immunogen Information:

Sequence: Gln51-Leu183

Background:

Tumor necrosis factor ligand superfamily member 4(TNFSF4/OX40L) is a single-pass type II membrane protein. OX40L is expressed on the surface of activated B cells,T cells,dendritic cells and endothelial cells. OX40L binds to OX40(CD134),a member of the TNF receptor superfamily that is expressed predominantly on activated CD4+ T cells. OX40-OX40L co-stimulates signal to promote the survival and proliferation of activated CD4+ T cells and prolong the immune response. It involved in T-cell proliferation and cytokine production. Additional,it has been found association with systemic lupus erythematosus,no association with occurrence of atherosclerosis.