



Recombinant Protein Technical Manual

**Recombinant Cynomolgus OX40
Ligand/TNFSF4/OX40L Protein (His Tag)
RPES2857**

Product Data:

Product SKU: RPES2857

Size: 10µg

Species: Cynomolgus

Expression host: Human Cells

Uniprot: F7FL80

Protein Information:

Molecular Mass: 16.5 kDa

AP Molecular Mass: 23-30 kDa

Tag: N-His

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, pH7.4.

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

Application:

Synonyms: Tumor necrosis factor ligand 2B; TNFSF4; OX-40L

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 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. It is a cytokine that binds to TNFRSF4, Co-stimulates T-cell proliferation and cytokine production. OX40L/OX40 interactions are important in T-cell activation and survival and for the generation of memory T cells from activated effector T cells.