

PRODUCT INFORMATION

Target OX40 Ligand

Synonyms OX40L;TNFSF4;CD252;Glycoprotein Gp34;TXGP1;CD134 ligand;CD134L

DescriptionRecombinant human OX40L protein with N-terminal mouse Fc and C-terminal 6×His tag

Delivery In Stock
Uniprot ID P23510
Expression Host HEK293

Tag N-Mouse Fc and C-6×His Tag

Molecular mFc(Pro99-Lys330) OX40 Ligand(Gln51-Leu183)

Characterization 6×His

Purity

Molecular Weight The protein has a predicted molecular mass of 44.0 kDa after removal of the signal peptide.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month aliquet and store

Storage & Shipping intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a cytokine of the tumor necrosis factor (TNF) ligand family. The encoded protein functions in T cell antigen-presenting cell (APC) interactions and mediates adhesion of

Background activated T cells to endothelial cells.

Polymorphisms in this gene have been associated with Sjogren's syndrome and systemic lupus erythematosus. Alternative splicing results in

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multiple transcript variants.

Usage Research use only
Conjugate Unconjugated

Figure 1.Human OX40 Ligand Protein, mFc-His Tag on SDS-PAGE under reducing condition.





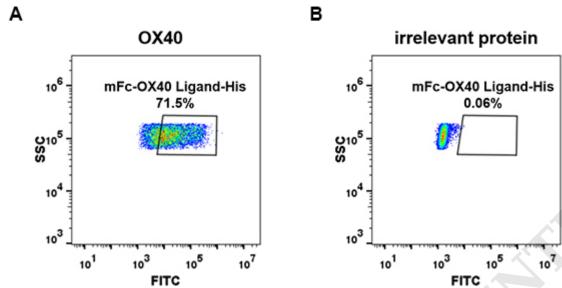


Figure 2. HEK293 cell line transfected with irrelevant protein (B) and human OX40 (A) were surface stained with Human OX40 Ligand, mFc-His tagged protein (PME100021) 10 μ g/ml followed by Alexa 488-conjugated anti-mouse IgG secondary antibody.

Human OX40-L, mFc-His tagged protein ELISA

0.1 μg of Human OX40-L, mFc-His tagged protein per well

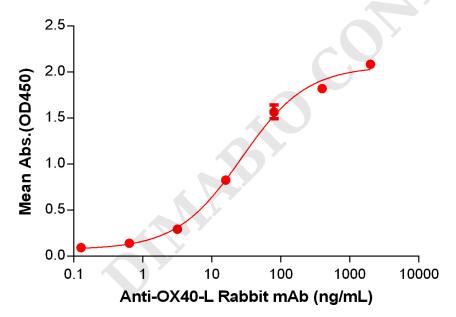


Figure 3. ELISA plate pre-coated by 1 μg/mL (100 μL/well) Human OX40-L Protein, mFc-His Tag (PME100021) can bind Anti-OX40-L Rabbit mAb in a linear range of 3.2-80 ng/mL.

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