PRODUCT INFORMATION

Target	OX40 Ligand
Synonyms	OX40L;TNFSF4;CD252;Glycoprotein Gp34;TXGP1;CD134 ligand;CD134L
Description	Recombinant 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 Characterization	mFc(Pro99-Lys330) OX40 Ligand(Gln51-Leu183) 6×His
Molecular Weight	The protein has a predicted molecular mass of 44.0 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	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.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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 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 multiple transcript variants.
Usage	Research use only
Conjugate	Unconjugated

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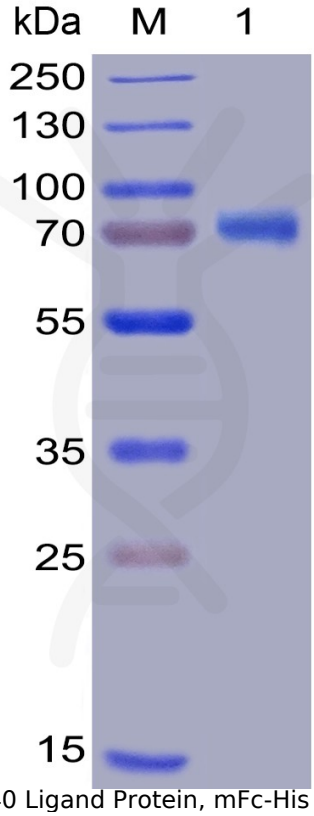


Figure 1.Human OX40 Ligand Protein, mFc-His Tag on SDS-PAGE under reducing condition.

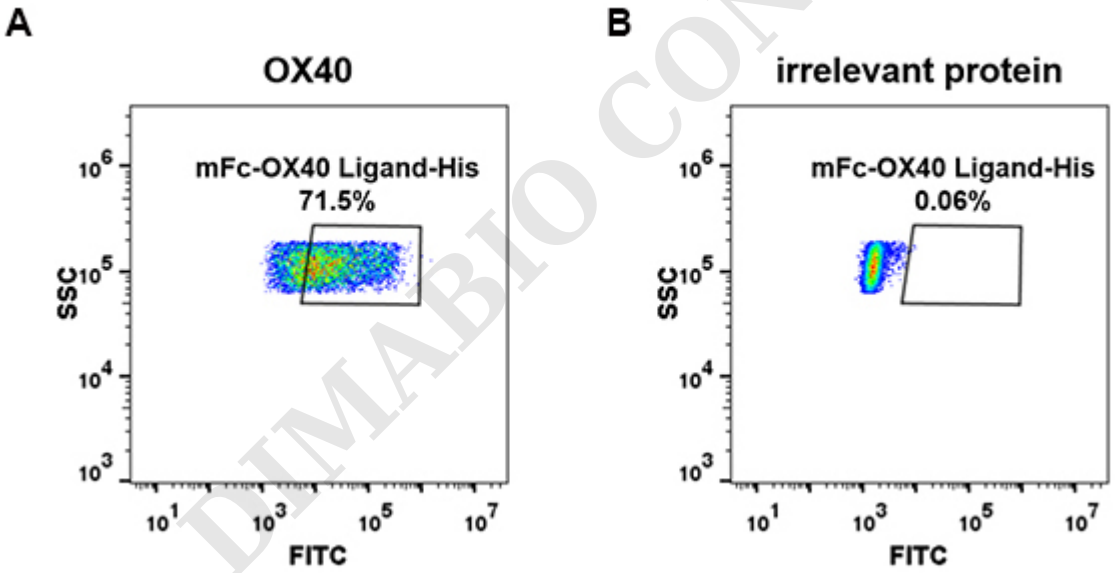


Figure 2. HEK293 cell line transfected with irrelevant protein (B) and human OX40 (A) were surface stained with Human OX40 Ligand, mFc-His tagged protein (PME100021) 10 μg/ml followed by Alexa 488-conjugated anti-mouse IgG secondary antibody.

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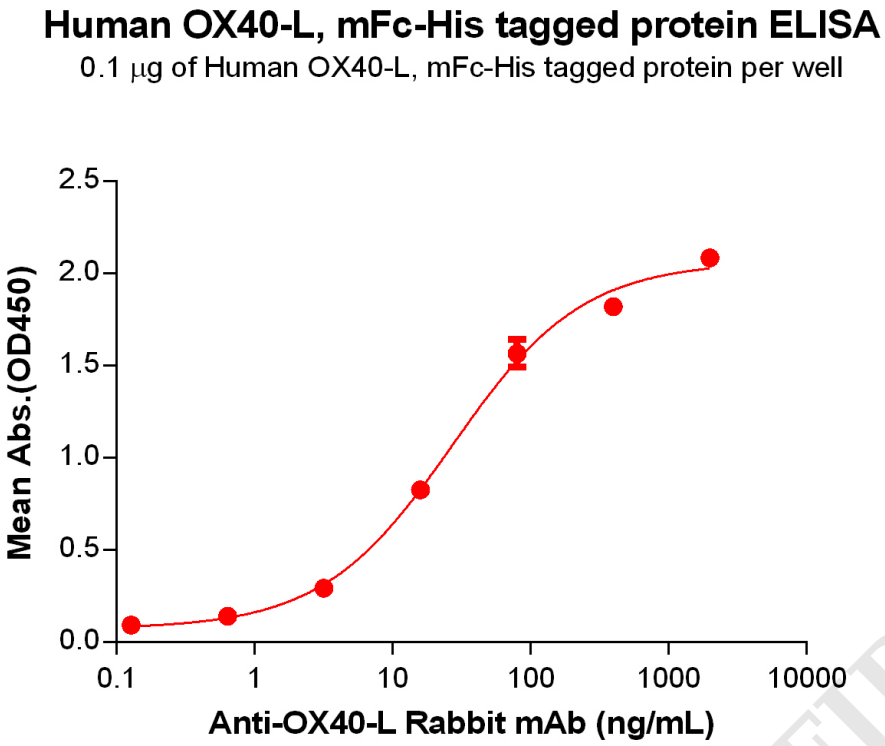


Figure 3. ELISA plate pre-coated by 1 μg/mL (100 μL/well) Human OX40-L Protein, mFc-His Tag (PME100021) can bind Anti-OX40-L Rabbit mAb in a linear range of 3.2-80 ng/mL.

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