

PRODUCT INFORMATION

Target	OX40
Synonyms	OX40, ACT35, CD134, IMD16, TXGP1L
Description	Recombinant Cynomolgus OX40 protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	XP_005545179.1
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	OX40(Lys28-Ala214) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 46.4 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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
Background	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor has been shown to activate NF-kappaB through its interaction with adaptor proteins TRAF2 and TRAF5. Knockout studies in mice suggested that this receptor promotes the expression of apoptosis inhibitors BCL2 and BCL2L1/BCL2-XL, and thus suppresses apoptosis. The knockout studies also suggested the roles of this receptor in CD4+ T cell response, as well as in T cell-dependent B cell proliferation and differentiation. [provided by RefSeq, Jul 2008]
Usage	Research use only



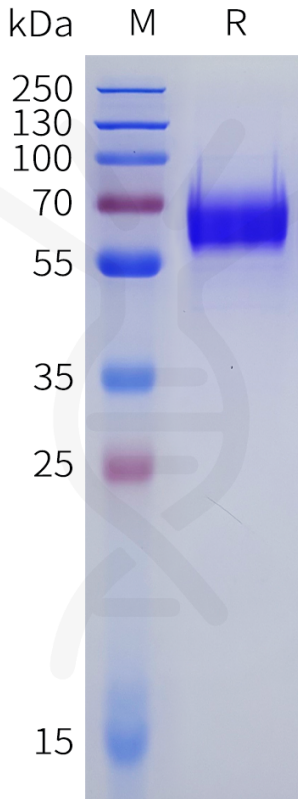
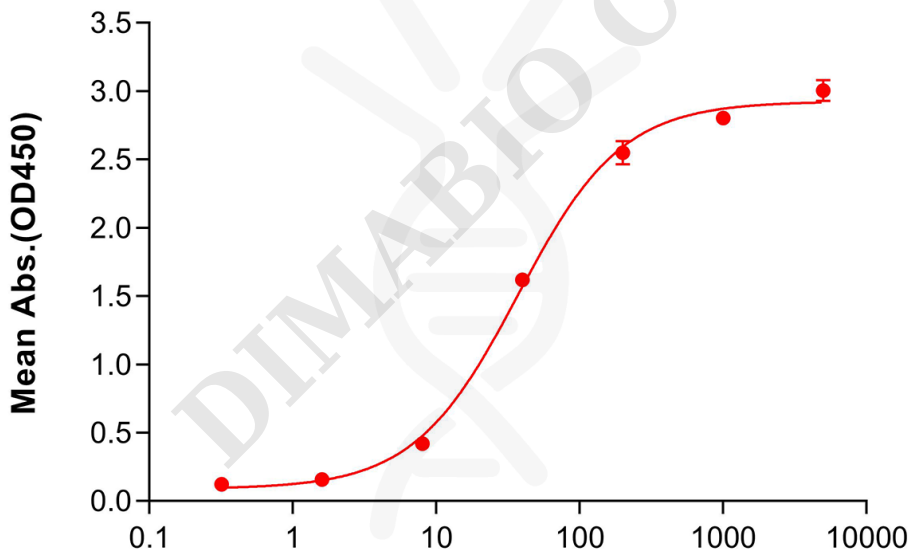


Figure 1. Cynomolgus OX40 Protein, hFc Tag on SDS-PAGE under reducing condition.

Cynomolgus OX40, hFc Tagged Protein ELISA

0.2 µg of Cynomolgus OX40, hFc tagged protein per well



Anti-OX40(telazorlimab biosimilar) mAb (ng/mL)

Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Cynomolgus OX40 Protein, hFc Tag (PME-C100100) can bind Anti-OX40(telazorlimab biosimilar) mAb (BME100692) in a linear range of 8-40 ng/mL.

