



### Synonym

TNFRSF4,OX40,CD134,OX40L receptor,ACT35,TXGP1L

### Source

Cynomolgus / Rhesus macaque OX40, His Tag (OX0-C5220) is expressed from human 293 cells (HEK293). It contains AA Lys 28 - Ala 214 (Accession # [XP\\_001090870.1](#)). In the region Lys 28 - Ala 214, the AA sequence of Cynomolgus and Rhesus macaque OX40 are homologous.

Predicted N-terminus: Lys 28

### Molecular Characterization

OX40(Lys 28 - Ala 214)  
XP\_001090870.1 Poly-his

This protein carries a polyhistidine tag at the C-terminus.

The protein has a calculated MW of 22.1 kDa. The protein migrates as 33-50 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

### Endotoxin

Less than 1.0 EU per µg by the LAL method.

### Purity

>95% as determined by SDS-PAGE.

>95% as determined by SEC-MALS.

### Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

### Reconstitution

Please see Certificate of Analysis for specific instructions.

*For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.*

### Storage

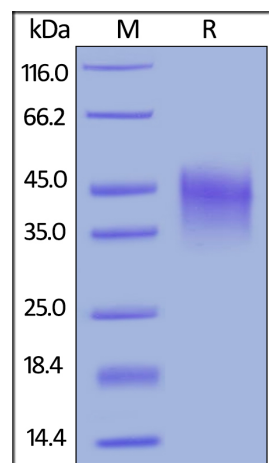
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

*Please avoid repeated freeze-thaw cycles.*

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

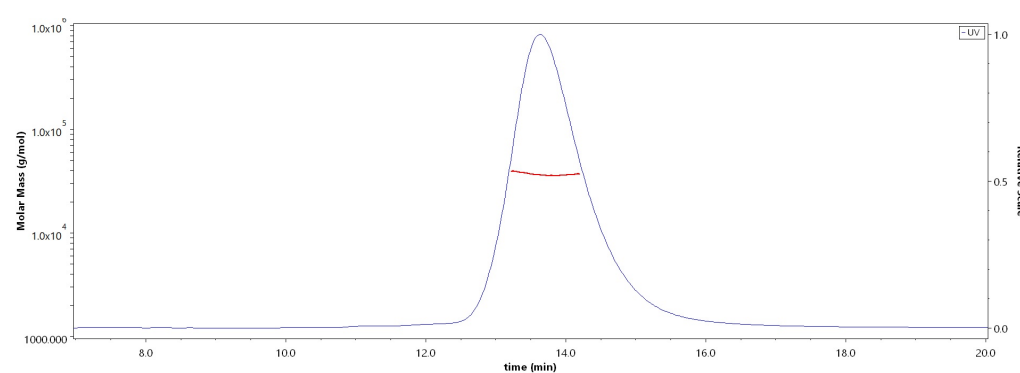
### SDS-PAGE



Cynomolgus / Rhesus macaque OX40, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%.

### Bioactivity-ELISA

### SEC-MALS

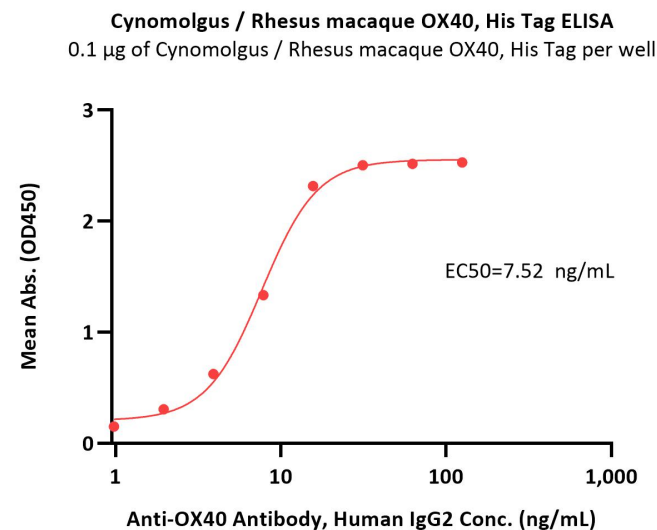
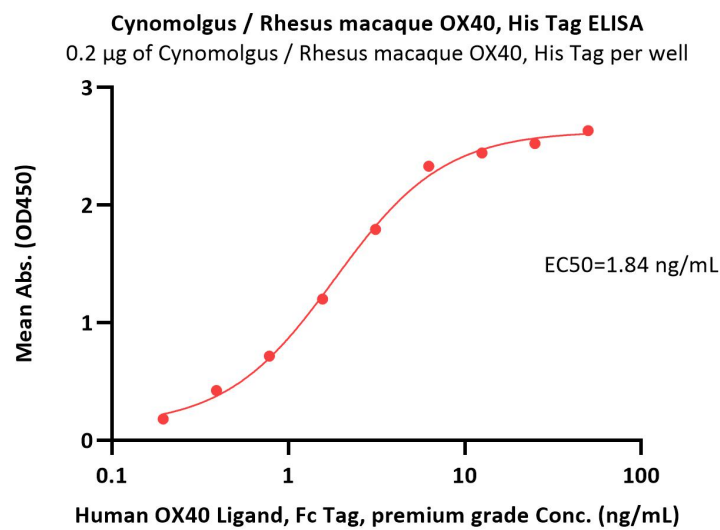


The purity of Cynomolgus / Rhesus macaque OX40, His Tag (Cat. No. OX0-C5220) is more than 95% and the molecular weight of this protein is around 28-40 kDa verified by SEC-MALS.

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Immobilized Cynomolgus / Rhesus macaque OX40, His Tag (Cat. No. OX0-C5220) at 2 µg/mL (100 µL/well) can bind Human OX40 Ligand, Fc Tag, premium grade (Cat. No. OXL-H5266) with a linear range of 0.2-6 ng/mL (QC tested).

Immobilized Cynomolgus / Rhesus macaque OX40, His Tag (Cat. No. OX0-C5220) at 1 µg/mL (100 µL/well) can bind Anti-OX40 Antibody, Human IgG2 with a linear range of 2-16 ng/mL (Routinely tested).

### Background

Tumor necrosis factor receptor superfamily member 4 (TNFRSF4) is also known as ACT35 antigen, OX40L receptor, TAX transcriptionally-activated glycoprotein 1 receptor, CD antigen CD134, OX40. OX40 / TNFRSF4 contains four TNFR-Cys repeats. TNFRSF4 is receptor for TNFSF4 / OX40L / GP34 and can interact with TRAF2, TRAF3 and TRAF5.

### Clinical and Translational Updates

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