

Synonym

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

Source

Cynomolgus / Rhesus macaque OX40, Fc Tag (OX0-C5251) 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	Fc(Pro 100 - Lys 330) P01857
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This protein carries a human IgG1 Fc tag at the C-terminus

The protein has a calculated MW of 46.9 kDa. The protein migrates as 60-66 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.

Formulation

Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5 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.

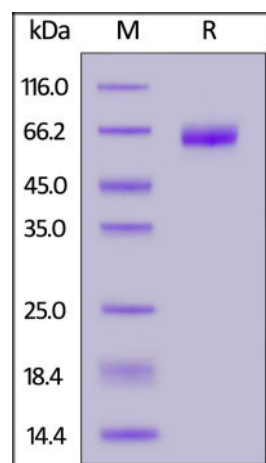
Storage

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

Please avoid repeated freeze-thaw cycles.

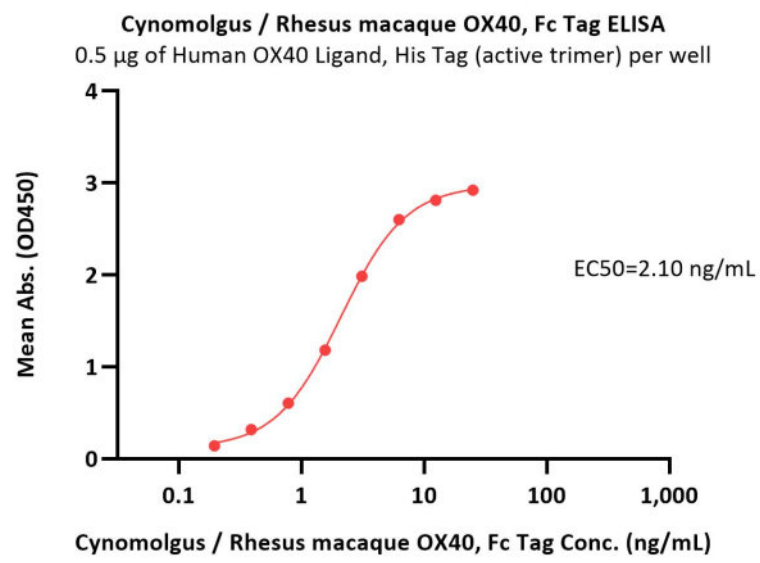
This product is stable after storage at:

- -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, Fc 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



Immobilized Human OX40 Ligand, His Tag (active trimer) (Cat. No. OXL-H52Q8) at 5 µg/mL (100 µL/well) can bind Cynomolgus / Rhesus macaque OX40, Fc Tag (Cat. No. OX0-C5251) with a linear range of 0.2-3 ng/mL (QC 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

Please contact us via TechSupport@acrobiosystems.com if you have any question on this product.