

**Synonym**

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

**Source**

Rat OX40, Fc Tag(OX0-R5253) is expressed from human 293 cells (HEK293).

It contains AA Val 20 - Pro 210 (Accession # [P15725](#) ).

Predicted N-terminus: Val 20

**Molecular Characterization**

OX40(Val 20 - Pro 210) P15725	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 47.7 kDa. The protein migrates as 66 kDa under reducing (R) condition, and 125 kDa under non-reducing (NR) condition (SDS-PAGE) due to glycosylation.

**Endotoxin**

Less than 1.0 EU per µg by the LAL method.

**Purity**

&gt;90% 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.

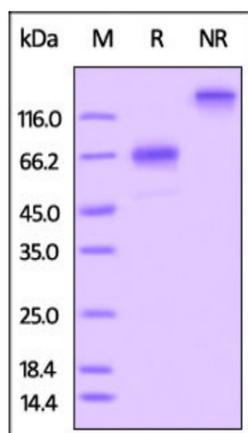
*For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.***Storage**

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

*Please avoid repeated freeze-thaw cycles.*

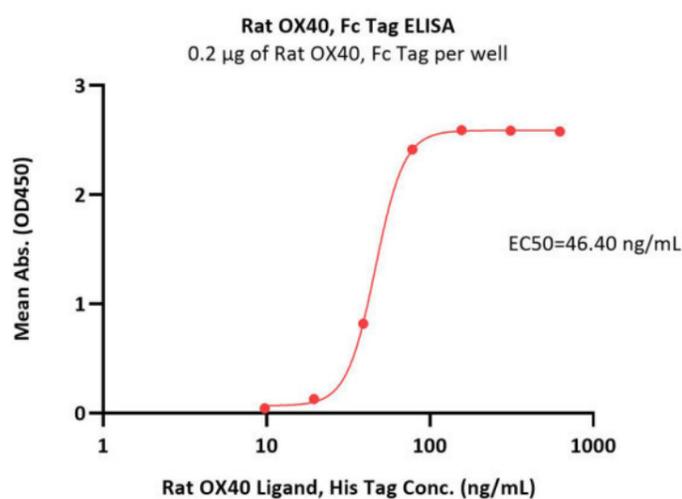
This product is stable after storage at:

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

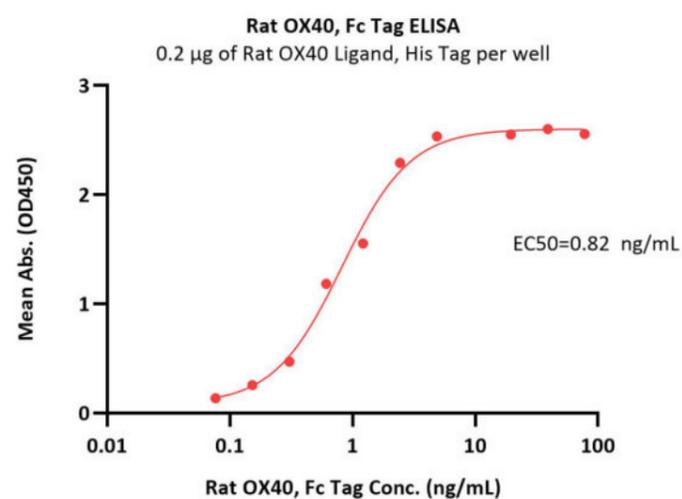
**SDS-PAGE**

Rat OX40, Fc Tag on SDS-PAGE under reducing (R) and non-reducing (NR) conditions. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%.

**Bioactivity-ELISA**



Immobilized Rat OX40, Fc Tag (Cat. No. OX0-R5253) at 2 µg/mL (100 µL/well) can bind Rat OX40 Ligand, His Tag (Cat. No. OXL-R5248) with a linear range of 10-78 ng/mL (Routinely tested).



Immobilized Rat OX40 Ligand, His Tag (Cat. No. OXL-R5248) at 2 µg/mL (100 µL/well) can bind Rat OX40, Fc Tag (Cat. No. OX0-R5253) with a linear range of 0.1-1 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

Please contact us via [TechSupport@acrobiosystems.com](mailto:TechSupport@acrobiosystems.com) if you have any question on this product.