

**Synonym**

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

**Source**

Rabbit OX40, Fc Tag (OX0-R5254) is expressed from human 293 cells (HEK293). It contains AA Ala 19 - Gln 208 (Accession # O02764).

Predicted N-terminus: Ala 19

**Molecular Characterization**

|                                  |                                 |
|----------------------------------|---------------------------------|
| OX40(Ala 19 - Gln 208)<br>O02764 | Fc(Pro 100 - Lys 330)<br>P01857 |
|----------------------------------|---------------------------------|

This protein carries a human IgG1 Fc tag at the C-terminus.

The protein has a calculated MW of 47.3 kDa. As a result of different glycosylation, the protein migrates as 48 kDa and 68 kDa under reducing (R) condition, and 120-135 kDa under non-reducing (NR) condition (SDS-PAGE).

**Endotoxin**

Less than 1.0 EU per µg by the LAL method.

**Purity**

&gt;85% as determined by SDS-PAGE.

**Formulation**

Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.

Contact us for customized product form or formulation.

**Reconstitution**

Please see Certificate of Analysis for specific instructions.

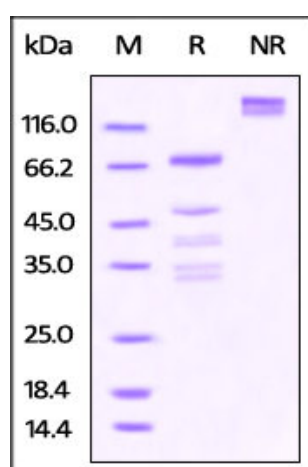
*For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.***Storage**

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

*Please avoid repeated freeze-thaw cycles.*

No activity loss was observed 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**

Rabbit OX40, Fc Tag on SDS-PAGE under reducing (R) and non-reducing (NR) conditions. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 85%.

**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.

**References**

- (1) [Arch R.H., et al., 1998, Mol. Cell. Biol. 18:558-565.](#)

(2) [Kawamata S., et al., 1998, J. Biol. Chem. 273:5808-5814.](#)

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