

**Product Name: Recombinant Human OX40 (C-Fc)**  
**Catalog #: PHH1691**



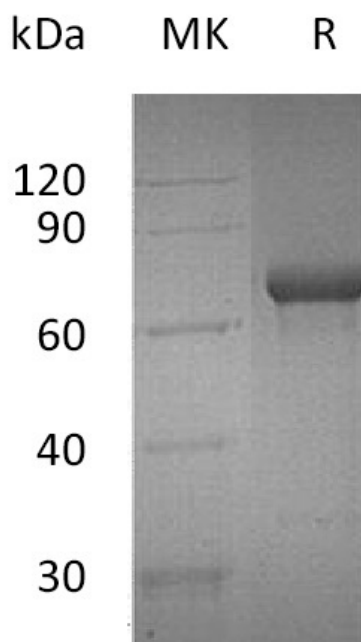
## Summary

|                                 |  |
|---------------------------------|--|
| <b>Name</b>                     | OX40/TNFRSF4/CD134   |
| <b>Purity</b>                   | Greater than 95% as determined by reducing SDS-PAGE  |
| <b>Endotoxin level</b>          | <1 EU/μg as determined by LAL test.  |
| <b>Construction</b>             | Recombinant Human OX40L Receptor is produced by our Mammalian expression system and the target gene encoding Leu29-Ala216 is expressed with a human IgG1 Fc tag at the C-terminus.   |
| <b>Accession #</b>              | P43489   |
| <b>Host</b>                     | Human Cells  |
| <b>Species</b>                  | Human  |
| <b>Predicted Molecular Mass</b> | 46.8 KDa   |
| <b>Formulation</b>              | Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.  |
| <b>Shipping</b>                 | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.   |
| <b>Stability&amp;Storage</b>    | Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.   |
| <b>Reconstitution</b>           | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |

## SDS-PAGE image



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### Alternative Names

Tumor necrosis factor receptor superfamily member 4; ACT35 antigen; OX40L receptor; TAX transcriptionally-activated glycoprotein 1 receptor; TNFRSF4; OX40; CD134; Txgp1

### Background

OX40, also termed CD134 and TNFRSF4, is a T cell co-stimulatory molecule of the TNF receptor superfamily which plays a key role in the survival and homeostasis of effector and memory T cells. OX40 is expressed on CD4<sup>+</sup> and CD8<sup>+</sup> T cells upon engagement of the TCR by antigen presenting cells along with co-stimulation by CD40-CD40 Ligand and CD28-B7. The interaction between OX40 and OX40 ligand (OX40L) will occur when activated T cells bind to professional antigen-presenting cells (APCs). The T-cell functions, including cytokine production, expansion, and survival, are then enhanced by the OX40 costimulatory signals. OX40 signals are critical for controlling the function and differentiation of Foxp3<sup>+</sup> regulatory T cells. OX40-OX40L interaction regulates T-cell tolerance, peripheral T-cell homeostasis, and T-cell-mediated inflammatory diseases.

### Note

For Research Use Only , Not for Diagnostic Use.