

# Recombinant Mouse TNFSF4/OX40L Protein (His Tag)

Catalog Number:PKSM041119



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

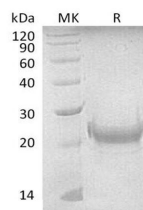
## Description

|                                    |  |
|------------------------------------|--|
| <b>Synonyms</b>                    | Tumor necrosis factor ligand superfamily member 4;OX40 ligand;OX40L;CD252;Tnfsf4 |
| <b>Species</b>                     | Mouse  |
| <b>Expression Host</b>             | HEK293 Cells   |
| <b>Sequence</b>                    | Ser51-Leu198   |
| <b>Accession</b>                   | P43488   |
| <b>Calculated Molecular Weight</b> | 17.7 kDa   |
| <b>Observed molecular weight</b>   | 20-23 kDa  |
| <b>Tag</b>                         | N-His  |

## Properties

|                       |   |
|-----------------------|---|
| <b>Purity</b>         | > 95 % as determined by reducing SDS-PAGE.  |
| <b>Endotoxin</b>      | < 1.0 EU per µg of the protein as determined by the LAL method.   |
| <b>Storage</b>        | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.       |
| <b>Shipping</b>       | This product is provided as lyophilized powder which is shipped with ice packs.   |
| <b>Formulation</b>    | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual. |
| <b>Reconstitution</b> | Please refer to the printed manual for detailed information.  |

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

OX40 ligand (OX40L), also called CD252, is a single-pass type II membrane protein of the TNF/TNF receptor superfamily. OX40L is expressed by DCs, macrophages and B cells and signals via its cognate receptor OX40 which is mainly expressed on APCs. OX40L/OX40 interactions are important in T-cell activation and survival and for the generation of memory T cells from activated effector T cells. OX40L–OX40 co-stimulation leads to activation of TNF receptor associated factor (TRAF) 2, 3 and 5. This pathway has been shown to prolong the survival of effector CD4+Th cells as well as contributes to generation of memory T cells.

## For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086

Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017