

## Recombinant Cynomolgus OX40 Ligand/TNFSF4/OX40L Protein (His Tag)

Catalog No. PKSQ050028

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

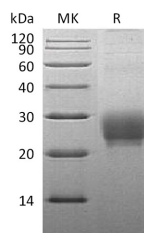
### Description

|                                    |   |
|------------------------------------|---|
| <b>Synonyms</b>                    | Tumor necrosis factor ligand 2B;TNFSF4;OX-40L |
| <b>Species</b>                     | Cynomolgus macaques                           |
| <b>Expression Host</b>             | HEK293 Cells                                  |
| <b>Sequence</b>                    | Gln51-Leu183                                  |
| <b>Accession</b>                   | F7FL80  |
| <b>Calculated Molecular Weight</b> | 16.5 kDa                                      |
| <b>Observed molecular weight</b>   | 23-30 kDa                                     |
| <b>Tag</b>                         | N-His   |
| <b>Bioactivity</b>                 | Not validated for activity                    |

### 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.<br>Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.<br>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

Tumor necrosis factor ligand superfamily member 4(TNFSF4/OX40L) is a single-pass type II membrane protein. OX40L is expressed by DCs, macrophages and B cells and signals via its cognate receptor OX40 which is mainly expressed on

### For Research Use Only

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. It is a cytokine that binds to TNFRSF4, Co-stimulates T-cell proliferation and cytokine production. OX40L/OX40 interactions are important in T-cell activation and survival and for the generation of memory T cells from activated effector T cells.