

Datasheet for ABIN7320702
TNFRSF4 Protein (His tag)[Go to Product page](#)

1 Image

Overview

| | |
|-------------------------------|--|
| Quantity: | 50 µg |
| Target: | TNFRSF4 |
| Origin: | Mouse |
| Source: | Human Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This TNFRSF4 protein is labelled with His tag. |

Product Details

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|------------------------------|---|
| Purpose: | Recombinant Mouse OX40/TNFRSF4 Protein (His Tag)(Active) |
| Sequence: | Val20-Pro211 |
| Characteristics: | Recombinant Mouse OX40L Receptor is produced by our Mammalian expression system and the target gene encoding Val20-Pro211 is expressed with a 6His tag at the C-terminus. |
| Purity: | > 95 % as determined by SDS-PAGE |
| Endotoxin Level: | < 1.0 EU per µg as determined by the LAL method. |
| Biological Activity Comment: | Immobilized Mouse OX40L-His(Cat: PKSM041119) at 0.8µg/ml(100 µl/well) can bind Biotinylated Mouse OX40-His. The ED50 of Mouse OX40-His is 23.17 ug/ml . |

Target Details

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| Target: | TNFRSF4 |
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Target Details

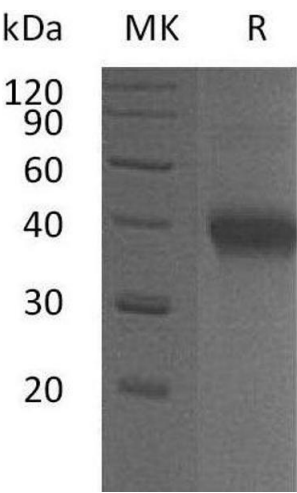
| | |
|-------------------|--|
| Alternative Name: | OX40/TNFRSF4 (TNFRSF4 Products) |
| Background: | <p>Background: OX40, also termed CD134 and TNFRSF4, is a T cell co-stimulatory molecule of the TNF receptor superfamily which plays a key role in the survival and homeostasis of effector and memory T cells. OX40 is expressed on CD4+ and CD8+ 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+ regulatory T cells. OX40-OX40L interaction regulates T-cell tolerance, peripheral T-cell homeostasis, and T-cell-mediated inflammatory diseases.</p> <p>Synonym: Tumor necrosis factor receptor superfamily member 4,Tnfrsf4,OX40,CD134,Txgp1</p> |
| Molecular Weight: | 22.1 kDa |
| UniProt: | P47741 |
| Pathways: | Production of Molecular Mediator of Immune Response , Cancer Immune Checkpoints |

Application Details

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|---------------|-----------------------|
| Restrictions: | For Research Use only |
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Handling

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| Format: | Lyophilized |
| Reconstitution: | Please refer to the printed manual for detailed information. |
| Buffer: | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. |
| Storage: | 4 °C,-20 °C,-80 °C |
| Storage Comment: | <p>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.</p> |



Western Blotting

Image 1.