

RP00677

Leader in Biomolecular Solutions for Life Science



Recombinant Mouse TNFRSF4/OX40 Protein

Catalog No.: RP00677

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	22163	P47741

Tags

C-6×His

Synonyms

TNFRSF4;OX40;CD134;OX40L
receptor;ACT35;TXGP1L;TNFRSF4

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μM filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in 1X PBS.

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.

Basic Information

Description

Recombinant Mouse TNFRSF4/OX40 Protein is produced by Human Cells expression system. The target protein is expressed with sequence (Val20-Pro211) of mouse TNFRSF4/OX40 (Accession #P47741) fused with a 6×His tag at the C-terminus.

Bio-Activity

Storage

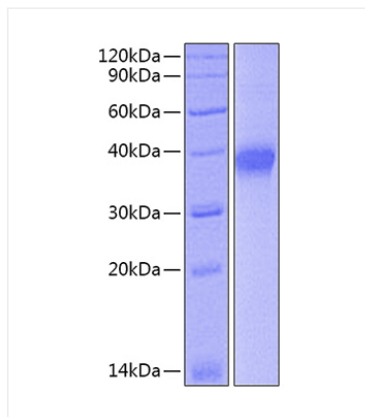
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Mouse TNFRSF4/OX40 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.