

RP00465

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Recombinant Human TNFRSF4/OX40/CD134 Protein

Catalog No.: RP00465

Recombinant

Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Human | 7293 | P43489 |

Tags

C-6×His

Synonyms

TNFRSF4;ACT35;CD134;IMD16;OX40;TXG P1L

Product Information

Source

HEK293 cells

Purification

> 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 sterile distilled water.

Background

This protein is a member of the TNF-receptor superfamily. This receptor has been shown to activate NF-kappaB through its interaction with adaptor proteins TRAF2 and TRAF5. Knockout studies in mice suggested that this receptor promotes the expression of apoptosis inhibitors BCL2 and BCL2L1/BCL2-XL, and thus suppresses apoptosis. The knockout studies also suggested the roles of this receptor in CD4+ T cell response, as well as in T cell-dependent B cell proliferation and differentiation.

Basic Information

Description

Recombinant Human TNFRSF4/OX40/CD134 Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Leu29-Ala216) of human TNFRSF4/OX40/CD134 (Accession #P43489) fused with a 6×His tag at the C-terminus.

Bio-Activity

Measured by its binding ability in a functional ELISA. When Recombinant Human OX40/TNFRSF4 His is coated at 0.25 μg/mL (100 μL/well), the concentration of Recombinant Human OX40 Ligand/TNFSF4 that produces 50% optimal binding response is 0.25-1.5 ng/mL.

Storage

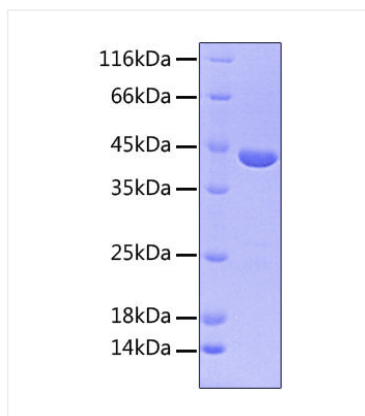
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant protein Human TNFRSF4/OX40/CD134 was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 40 kDa.