

Recombinant Mouse TNFRSF4/OX40/CD134 Protein

Catalog No.: RP01324 Recombinant

Sequence Information

Species Gene ID Swiss Prot Mouse 22163 P47741

Tags

C-His

Synonyms

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

Product Information

Source Purification HEK293 cells ≥ 95 % as

determined by SDS-

PAGE.

Calculated MW Observed MW

22.07 kDa 40-55 kDa

Endotoxin

< 0.1 EU/ μ g of the protein by LAL method.

Formulation

Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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Background

OX40 (CD134) and its binding partner, OX40L (CD252), are members of the tumor necrosis factor receptor/tumor necrosis factor superfamily, is known to break an existing state of tolerance in malignancies, leading to a reactivation of antitumor immunity. The interaction between OX40 and OX40L plays an important role in antigen-specific T-cell expansion and survival. OX40 and OX40L also regulate cytokine production from T cells, antigen-presenting cells, natural killer cells, and natural killer T cells, and modulate cytokine receptor signaling.

Basic Information

Description

Recombinant Mouse TNFRSF4/OX40/CD134 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Val20-Pro211) of Mouse TNFRSF4 (Accession $\#NP_035789.1$) fused with an $6\times His$ tag at the C-terminus.

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

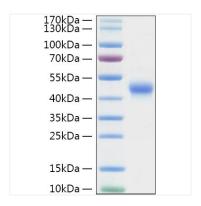
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Validation Data



Recombinant Mouse TNFRSF4/OX40/CD134 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.