

Human OX40/CD134 (His Tag) recombinant protein



Catalog Number: 501432

General Information

Gene Name Synonym

ACT35 antigen; OX40L receptor; TAX transcriptionally-activated glycoprotein 1 receptor

Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Ala 216) of human TNFRSF4 (NP_003318.1) was expressed, fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

1. Measured by its binding ability in a functional ELISA.
2. Immobilized human TNFRSF4-his (Cat: 501432) at 2 µg/mL (100 µl/well) can bind human TNFSF4/mFc (cat: 500243), The EC₅₀ of human TNFSF4/mFc is 29 ng/mL.

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Leu 29

Molecular Mass

The recombinant human TNFRSF4 consists of 199 amino acids after removal of the signal peptide and has a predicted molecular mass of 21.7 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh TNFRSF4 is approximately 40-45 kDa due to glycosylation.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

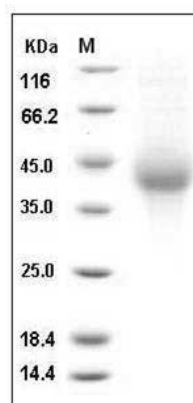
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human TNFRSF4 / OX40 / CD134 Protein (His Tag) SDS-PAGE