

Human OX40/CD134 (His & Fc Tag) recombinant protein



Catalog Number: 503893

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) precursor was fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Immobilized Cynomolgus mFc-TNFSF4 (Cat:501369) at 10 µg/ml (100 µl/well) can bind human TNFRSF4-Fch, The EC₅₀ of human TNFRSF4-Fch is 0.23-0.55 µg/ml.

Purity

> 85 % 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/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 436 amino acids and has a predicted molecular mass of 48.2 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh TNFRSF4/Fc monomer is approximately 68 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

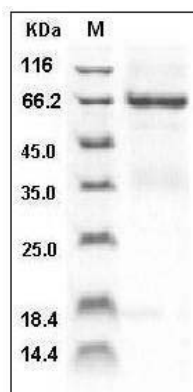
Storage

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 & Fc Tag) SDS-PAGE