# 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  $\mu$ g/ml (100  $\mu$ l/well) can bind human TNFRSF4-Fch, The EC<sub>50</sub> of human TNFRSF4-Fch is 0.23-0.55  $\mu$ g/ml.

## **Purity**

> 85 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

## **Stability**

Samples are stable for up to twelve months from date of receipt at -70  $^{\circ}$ 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**

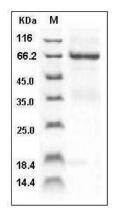
## Storage

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