# Cynomolgus TNFR2/CD120b/TNFRSF1B (His Tag) recombinant protein

Catalog Number: 502021



## **General Information**

# Gene Name Synonym

Uncharacterized protein

# **Protein Construction**

A DNA sequence encoding the cynomolgus TNFRSF1B (F7EAE4) (Met1-Asp257) was expressed, fused with a polyhistidine tag at the Cterminus.

# **Organism**

Cynomolgus

# **Expression Host**

**Human Cells** 

# **QC Testing**

# **Activity**

Measured by its ability to inhibit the TNF $\alpha$  mediated cytotoxicity in the L-929 mouse fibroblast cells in the presence of the metabolic inhibitor actinomycin D.

The ED $_{50}$  for this effect is typically 0.15-0.45  $\mu g/mL$  in the presence of 1 ng/mL of cynoTNF $\alpha$ .

## **Purity**

> 95 % 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°C

## Predicted N terminal

Leu 23

#### **Molecular Mass**

The recombinant cynomolgus TNFRSF1B comprises 246 amino acids and has a calculated molecular mass of 26.5 KDa. The apparent molecular mass of it is approximately 38 KDa respectively in SDS-PAGE.

#### **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**

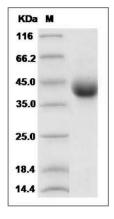
# **Storage**

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**



Cynomolgus TNFR2 / CD120b / TNFRSF1B Protein (His Tag) SDS-PAGE