

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



Catalog Number: 504311

## General Information

### Gene Name Synonym

Tumor necrosis factor receptor 2; Tumor necrosis factor receptor type II; p75; p80 TNF-alpha receptor

### Protein Construction

A DNA sequence encoding the extracellular domain of mouse TNFRSF1B (NP\_035740.2) (Met 1-Gly 258) was fused with a polyhistidine tag at the C-terminus.

### Organism

Mouse

### 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<sub>50</sub> for this effect is typically 1-3  $\mu$ g/mL in the presence of 0.1 ng/mL of recombinant mouse TNF $\alpha$ .

### Purity

> 97 % 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

Val 23

## Molecular Mass

The recombinant mouse TNFRSF1B consists of 247 amino acids and has a predicted molecular mass of 26.8 kDa. In SDS-PAGE under reducing conditions, rm TNFRSF1B migrates as an approximately 45 kDa band 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

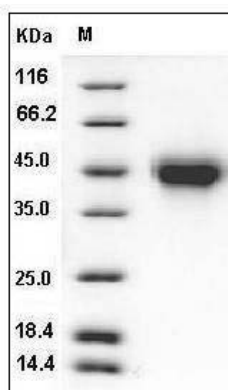
### Storage

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



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Tag) SDS-PAGE