

# Rat BAFFR / TNFRSF13C / CD268 (Fc Tag) recombinant protein



Catalog Number: 504858

## General Information

### Protein Construction

A DNA sequence encoding the rat TNFRSF13C (XP\_576316.2) (Ser10-Ala71) was expressed with the Fc region of human IgG1 at the C-terminus.

### Organism

Rat

### Expression Host

Human Cells

## QC Testing

### Activity

Immobilized human BAFF (Cat:503353) at 10  $\mu\text{g/ml}$  (100  $\mu\text{l/well}$ ) can bind rat TNFRSF13C-Fc, The  $\text{EC}_{50}$  of rat TNFRSF13C-Fc is 0.02-0.06  $\mu\text{g/ml}$ .

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

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

### Stability

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

### Predicted N terminal

Ser 10

### Molecular Mass

The recombinant rat TNFRSF13C/Fc is a disulfide-

linked homodimer. The reduced monomer comprises 303 amino acids and has a predicted molecular mass of 33.8 kDa. The apparent molecular mass of the protein is approximately 42 kDa in SDS-PAGE under reducing conditions 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

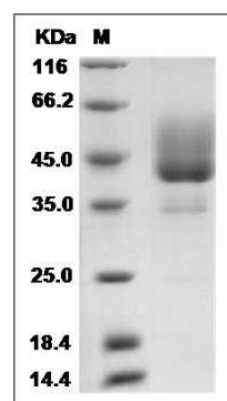
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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



Rat BAFFR / TNFRSF13C Protein (Fc Tag) SDS-PAGE