

## Recombinant Rhesus Macaque TNF Receptor II/TNF RII/TNFRSF1B/CD120b (C-Fc)

**Catalog Number:** PKSQ050114

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

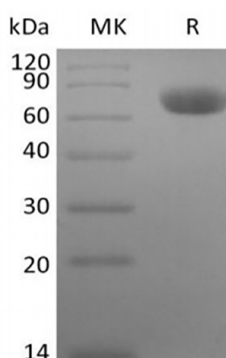
### Description

<b>Species</b>	Rhesus Macaque
<b>Source</b>	HEK293 Cells-derived Rhesus Macaque TNFRSF1B/CD120b protein Leu23-Asp257, with an C-terminal Fc
<b>Calculated MW</b>	52.0 kDa
<b>Observed MW</b>	60-80 kDa
<b>Accession</b>	F7EAF8
<b>Bio-activity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

### Data



> 95 % as determined by reducing SDS-PAGE.

### Background

Tumor Necrosis Factor Receptor Superfamily Member 1B (TNFRSF1B) is a member of the Tumor Necrosis Factor Receptor Superfamily. TNFRSF1B contains four TNFR-Cys repeats. TNFRSF1B can be cleaved into the following 2 chains: Tumor necrosis factor receptor superfamily member 1b and membrane form and Tumor necrosis factor-binding protein 2. TNFRSF1B is a receptor with high affinity for TNFSF2/TNF- $\alpha$  and approximately 5-fold lower affinity for homotrimeric TNFSF1/lymphotoxin- $\alpha$ . TNFRSF1B mediates most of the metabolic effects of TNF- $\alpha$ . TNF- $\alpha$ -induced apoptosis suggests that it regulates TNF- $\alpha$  function by antagonizing its biological activity.

### For Research Use Only

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