

RP00252

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# Recombinant Human TNFRSF1B/TNF-R2/CD120b Protein

Catalog No.: RP00252 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	7133	P20333

### Tags

C-His

### Synonyms

CD120b;TBPII;TNF-R-II;TNF-R75;TNFBR;TNFR1B;TNFR2;TNFR80;p75;p75TNFR;TNF Receptor II;TNFRSF1B

## Product Information

Source	Purification
	> 95% by SDS-PAGE.

### Endotoxin

< 0.1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Background

### Basic Information

#### Description

Recombinant Human TNFRSF1B/TNF-R2/CD120b Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Leu 23 - Asp 257) of human TNFR2 (Accession #NP\_001057.1) fused with a 6×His tag at the C-terminus.

#### Bio-Activity

Measured by its ability to inhibit TNF-α mediated cytotoxicity in L-929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D. The ED<sub>50</sub> for this effect is typically 1-3 μg/mL in the presence of 0.25 ng/mL recombinant human TNF-α.

#### Storage

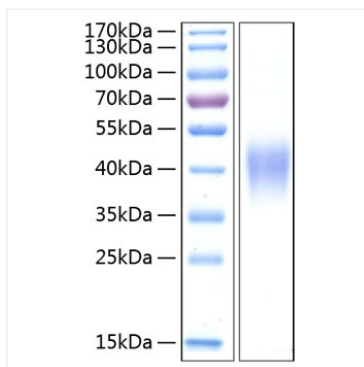
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

## Contact

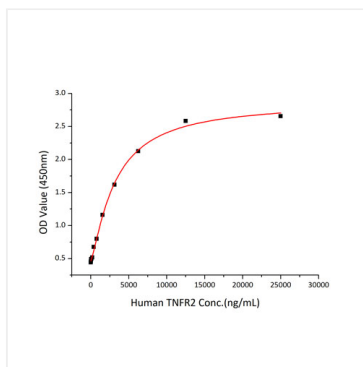


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## Validation Data



Recombinant Human TNFRSF1B/TNF-R2/CD120b Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 38-50 kDa.



Recombinant Human TNFR2 inhibits TNF- $\alpha$  mediated cytotoxicity in L-929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D. The  $ED_{50}$  for this effect is typically 1-3 $\mu$ g/mL in the presence of 0.25 ng/mL recombinant human TNF- $\alpha$ .