

Recombinant Human TNFRSF1B/TNF-R2/CD120b Protein

Catalog No.: RP00252 Recombinant

Sequence Information

Species Gene ID Swiss Prot Human 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 HEK293 cells ≥ 95 % as

determined by SDS-

PAGE.

Calculated MW Observed MW

25.97 kDa 38-50 kDa

Endotoxin

 $< 0.1 \; \text{EU/}\mu\text{g}$ 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

6	400-999-6126
\bowtie	cn.market@abclonal.com.cn
•	www.abclonal.com.cn

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 ED₅₀ for this effect is typically 1-3 μ g/mL in the presence of 0.25 ng/mL recombinant human TNF- α .

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

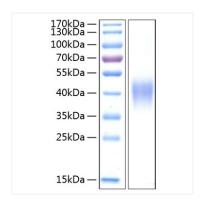
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

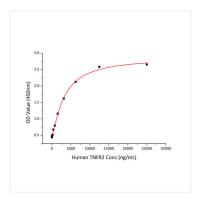
Avoid repeated freeze/thaw cycles.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.



Recombinant Human TNFRSF1B/TNF-R2/CD120b Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Recombinant Human TNFR2 inhibits TNF- α 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 μ g/mL in the presence of 0.25 ng/mL recombinant human TNF- α .