

CTRP7 Human E. coli

Product Data Sheet

Type: Recombinant

Source: E. coli

Species: Human

Other names: C1QTNF7, CTRP7

Cat. No.:

RD172157100 (0.1 mg)

Description

Total 283 AA. MW: 30.22 kDa (calculated). N-terminal His-tag, 10 extra AA (highlighted).

Research topic

Energy metabolism and body weight regulation

Amino Acid Sequence

MKHHHHHHAS QPRGNQLKGE NYSPRYICSI PGLPGPPGPP GANGSPGPHG RIGLPGRDGR DGRKGEKGEK GTAGLRGKTG
PLGLAGEKGD QGETGKKGPI GPEGEKGEVG PIGPPGPKGD RGEQGDPLP GVCRCGSIVL KSAFSVGITT SYPEERLPII
FNKVLFNAGE HYNPATGKFI CAFPGIYYFS YDITLANKHL AIGLVHNGQY RIKTFDANTG NHDVASGSTV IYLQPEDEVW
LEIFFTDQNG LFSDPGWADS LFSGFLLYVD TDYLDSESD DEL

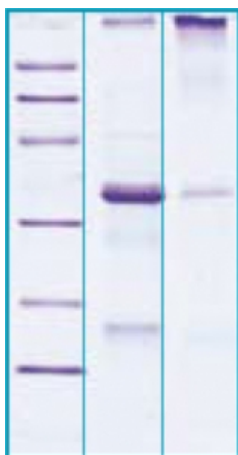
Source

E. coli

Purity

>95%

SDS-PAGE gel



12% SDS-PAGE separation of Human CTRP7

1. M.W. marker - 14, 21, 31, 45, 66, 97 kDa
2. reduced and heated sample, 5µg / lane
3. non-reduced and non-heated sample, 5µg / lane

Formulation

Filtered (0.4 µm) and lyophilized from 0.5 mg/ml in 0.03M Acetate buffer, pH 4

Reconstitution

Add 0.1M Acetate buffer pH4 to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10µg/mL. In higher concentrations the solubility of this antigen is limited. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Shipping

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage, Stability/Shelf Life

Store lyophilized protein at -20°C. Lyophilized protein remains stable until the expiry date when stored at -20°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after one week at 4°C.

Quality Control Test

BCA to determine quantity of the protein.

SDS PAGE to determine purity of the protein.

Applications

Western blotting

Note

This product is intended for research use only.

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