

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). UniProtKB acc.no. Q9BXJ2. N-terminal His-tag, 10 extra AA (highlighted).

Research topic

Energy metabolism and body weight regulation

Amino Acid Sequence

MKHHHHHAS QPRGNQLKGE NYSPTYICSI 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

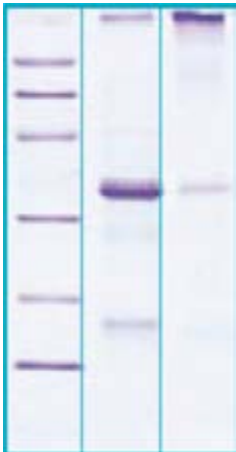
Source

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, 5 μ g / lane
3. non-reduced and non-heated sample, 5 μ g / lane

Endotoxin

< 1.0 EU/ μ g

Formulation

Filtered (0.4 μ m) and lyophilized from 0.5 mg/ml in 0.03M Acetate buffer, pH 4 + 5% (w/v) trehalose.

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 10 μ g/mL.

In higher concentrations the solubility of this antigen is limited. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

Shipping

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

Storage, Stability/Shelf Life

Store the lyophilized protein at -80°C . Lyophilized protein remains stable until the expiry date when stored at -80°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 3 days.

Quality Control Test

BCA to determine quantity of the protein. SDS-PAGE to determine purity of the protein. LAL TEST to determine endotoxin level.

Applications

Western blotting

Note

This product is intended for research use only.

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