CTRP8 Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: C1q/TNF-related protein 8, CTRP8, C1QTNF8, UNQ5829/PRO19648

Cat. No.:
RD172179100 (0.1 mg)

Description

Total 255 AA. MW: 28,4 kDa (calculated). UniProtKB acc.no. P60827. N-Terminal His-tag, 10 extra AA (highlighted).

Research topic

Energy metabolism and body weight regulation

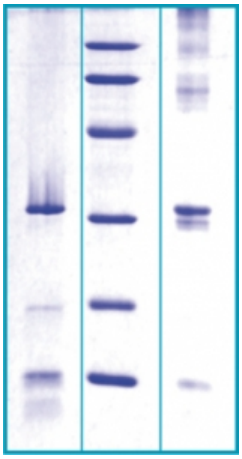
Amino Acid Sequence

MKHHHHHHAS WPGLPRRPCV HCCRPAWPPG PYARVSDRDL WRGDLWRGLP RVRPTIDIEI LKGEKGEAGV RGRAGRSGKE GPPGARGLQG RRGQKGQVGP PGAACRRAYA AFSVGRRAYA AFSVGRREGL HSSDHFQAVP FDTELVNLDG AFDLAAGRFL CTVPGVYFLS LNVHTWNYKE TYLHIMLNRR PAAVLYAQPS ERSVMQAQSL MLLLAAGDAV WVRMFQRDRD NAIYGEHGDL YITFSGHLVK PAAEL

Source

E. coli

SDS-PAGE gel



14% SDS-PAGE separation of Human CTRP8
1. reduced and heated sample, 5µg / lane
2. M.W. marker - 14, 21, 31, 45, 66, 97 kDa
3. non-reduced and non-heated sample, 5µg / lane

Endotoxin

< 1.0 EU/µg

Formulation

0.2-0.6 mg/ml in 0.03M acetate buffer, pH=4.0 - filtered (0.4 µm), frozen

Reconstitution

Defrost at ambient temperature. 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. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

Shipping

On ice. Upon receipt, store the product at the temperature recommended below.

Storage, Stability/Shelf Life

Store protein at -80°C. Protein remains stable until the expiry date when stored at -80°C. Avoid repeated freezing/thawing cycles.

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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