CTRP2 Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: C1QTNF2, CTRP2, UNQ6349/PRO21054

Cat. No.:
RD172154100 (0.1 mg)

Description

Total 280 AA. MW: 29 640 Da (calculated). UniProtKB acc.no. Q9BXJ5. N-Terminal His-tag, 10 extra AA (highlighted).

Research topic

Energy metabolism and body weight regulation

Amino Acid Sequence

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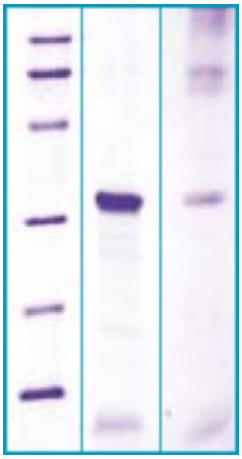
MKHHHHHHAS DPLLGAFARR DFRKGSPQLV CSLPGPQGPP GPPGAPGPSG MMGRMGFPGK DGQDGHDGDR GDSGEEGPPG
RTGNRGKPGP KGKAGAIGRA GPRGPKGVNG TPGKHGTPGK KGPKGKKGEP GLPGPCSCGS GHTKSAFSVA VTKSYPRERL
PIKFDKILMN EGGHYNASSG KFVCGVPGIY YFTYDITLAN KHLAIGLVHN GQYRIRTFDA NTGNHDVASG STILALKQGD
EVWLQIFYSE QNGLFYDPYW TDSLFTGFLI YADQDDPNEV
```

Source

E. coli

SDS-PAGE gel



12% SDS-PAGE separation of Human CTRP2
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. 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 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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