CTRP6 Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: C1QTNF6, CTRP6, UNQ581/PRO1151

Cat. No.:
RD172156100 (0.1 mg)

Description

Total 242 AA. MW: 27.02 kDa (calculated). UniProtKB acc.no. Q9BXI9. N-terminal His-tag, 10extra AA (highlighted).

Research topic

Energy metabolism and body weight regulation

Amino Acid Sequence

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MKHHHHHHAS TFDRAVASGC QRCCDSEDPL DPAHVSSASS SGRPHALPEI RPYINITILK GDKGDPGPMG LPGYMGREGP
QGEPGPQGSK GDKGEMGSPG APCQKRFFAF SVGRKTALHS GEDFQTLLFE RVFVNLDGCF DMATGQFAAP LRGIYFFSLN
VHSWNYKETY VHIMHNQKEA VILYAQPSER SIMQSQSVML DLAYGDRVWV RLFKRQRENA IYSNDFDTYI TFSGHLIKAE DD
```

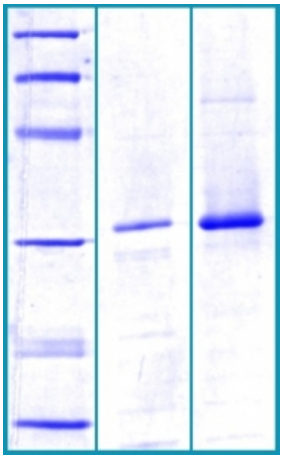
Source

E. coli

Purity

Purity as determined by densitometric image analysis: > 95 %

SDS-PAGE gel



12% SDS-PAGE separation of Human CTRP6:
1. M.W. marker - 14, 21, 31, 45, 66, 97 kDa
2. non-reduced and non-heated sample, 2.5µg / lane
3. reduced and heated sample, 2.5µg / lane

Endotoxin

< 1.0 EU/ug

Formulation

0.2 - 0.6 mg/ml in 0.03M acetate buffer, 5mM DTT pH=4.0 - filtered (0.4 µm), frozen

Reconstitution

Defrost at ambient temperature.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. 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

Bradford protein assay to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
LAL TEST to determine endotoxin level.

Applications

ELISA, Western blotting

Note

This product is intended for research use only.

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