CTRP4 Human HEK293

Product Data Sheet

Type: Recombinant
Source: HEK293
Species: Human
Other names: Complement C1q tumor necrosis factor-related protein 4, C1QTNF4, CTRP4, ZACRP4, C1q And Tumor Necrosis Factor Related Protein 4

Cat. No.:
RD172177100 (0.1 mg)

Description

Total 319 AA. MW: 34.5 kDa (calculated). UniProtKB acc. No. Q9BXJ3 (Leu17-Leu329). C-terminal His-tag (6 extra AA). Protein identity confirmed by LC-MS/MS.

Amino Acid Sequence

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LGPTPGPGSS ELRSAFSAAR TTPLEGTSEM AVTFDKVYVN IGGDFDVATG QFRCRVPGAY FFSFTAGKAP HKSLSVMLVR
NRDEVQALAF DEQRRPGARR AASQSAMLQL DYGDTVWLRL HGAPQYALGA PGATFSGYLV YADADADAPA RGPPAPPEPR
SAFSAARTRS LVGSDAGPGP RHQPLAFDTE FVNIGGDFDA AAGVFRCRLP GAYFFSFTLG KLPRKTLSVK LMKNRDEVQA
MIYDDGASRR REMQSQSVML ALRRGDAVWL LSHDHDGYGA YSNHGKYITF SGFLVYPDLA PAAPPGLGAS ELL HHHHHH
```

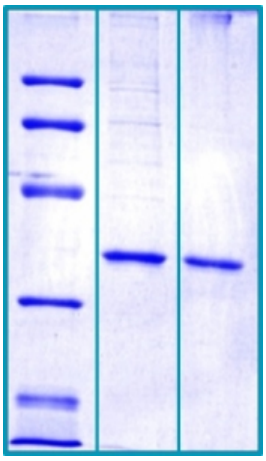
Source

HEK293

Purity

Purity as determined by densitometric image analysis: > 85 %

SDS-PAGE gel



12 % SDS-PAGE separation of Human CTRP4:

1. M.W. marker - 14, 21, 31, 45, 66, 97 kDa

2. Reduced and boiled sample, 2.5 µg/lane

3. Non-reduced and non-boiled sample, 2.5 µg/lane

Endotoxin

< 1.0 EU/µg

Formulation

0.25-0.70 mg/ml solution in phosphate buffered saline, 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.

Storage, Stability/Shelf Life

Store the protein at -80 °C. The protein remains stable until the expiry date when stored at -80 °C. Avoid repeated freezing/thawing cycles. The thawed protein can be stored at 4 °C for four 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

Cell culture and/or animal studies, ELISA, Western blotting

Note

This product is intended for research use only.

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