

Recombinant Human C1QTNF2, His-tagged

Cat. No. C1QTNF2-233H Lot. No. (See product label)

SPECIFICATION

Product Overview	Total 280 AA. MW: 29 640 Da (calculated). N-Terminal His-tag, 10 extra AA (highlighted).
Species	Human
Source	E.coli
ProteinLength	16-285 aa
Form	Filtered (0,4 µm) and lyophilized in 0.5 mg/mL in 0.03M Acetate buffer, pH 4.0.
Research topic	Energy metabolism and body weight regulation
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. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Applications	Western blotting
Quality Control Test	BCA to determine quantity of the protein; SDS PAGE to determine purity of the protein

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Sequences of amino acids

MKHHHHHHAS DPLLGAFAARR DFRKGSPQLV CSLPGPQGPP GPPGAPGPSG
 MMGRMGFPGK DGQDGHGDR GDSGEEGPPG RTGNRGKPGP KGKAGAIGRA
 GPRGPKG VNG TPGKHGTPGK KGPKGKKGEP GLPGPCSCGS GHTKSAFSVA
 VTKSYPRERL PIKFDKILMN EGGHYNASSG KFVCGVPGIY YFTYDITLAN
 KHLAIGLVHN GQYRIRTFDA NTGNHDDVASG STILALKQGD EVWLQIFYSE
 QNGLFYDPYW TDSLFTGFLI YADQDDPNEV

Storage

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.

GENE INFORMATION
Gene Name

[C1QTNF2 C1q and tumor necrosis factor related protein 2 \[Homo sapiens \]](#)

Official Symbol

[C1QTNF2](#)

Synonyms

C1QTNF2; C1q and tumor necrosis factor related protein 2; CTRP2; zacrp2; complement C1q tumor necrosis factor-related protein 2; OTTHUMP00000160840; complement-c1q tumor necrosis factor-related protein 2

Gene ID

[114898](#)

mRNA Refseq

[NM_031908](#)

Protein Refseq

[NP_114114](#)

UniProt ID

[Q9BXJ5.1](#)

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Chromosome Location	5q33.3
Function	receptor binding