

Recombinant Human C1QTNF7, His-tagged

Cat. No. C1QTNF7-236H Lot. No. (See product label)

SPECIFICATION

Product Overview	Total 283 AA. MW: 30.22 kDa (calculated). N-terminal His-tag, 10 extra AA (highlighted).
Species	Human
Source	E.coli
Form	Filtered (0,4 µm) and lyophilized in 0.5 mg/mL in 0.03M Acetate buffer, pH 4.0.
Purity	>95%
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
Sequences of amino acids	MKHHHHHHAS QPRGNQLKGE NYSPRYICSI PGLPGPPGPP GANGSPGPHG RIGLPGRDGR DGRKGEKGEK GTAGLRGKTG PLGLAGEKGD QGETGKKGPI

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GPEGEKGEVG PIGPPGPKGD RGEQGDPLP GVCRCGSIVL KSAFSGVIT
 SYPEERLPPII FNKVLNNEGE HYNPATGKFI CAFPGIYYFS YDITLANKHL
 AIGLVHNGQY RIKTFDANTG NHDVASGSTV IYLQPEDEVW LEIFFTDQNG
 LFSDPGWADS LFSGFLLYVD TDYLDLSDS DEL

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 [C1QTNF7 C1q and tumor necrosis factor related protein 7 \[Homo sapiens \]](#)

Official Symbol [C1QTNF7](#)

Synonyms C1QTNF7; C1q and tumor necrosis factor related protein 7; CTRP7; ZACRP7; complement C1q tumor necrosis factor-related protein 7; OTTHUMP00000122629; OTTHUMP00000159165; OTTHUMP00000217620; OTTHUMP00000217621; complement-c1q tumor necrosis factor-related protein 7

Gene ID [114905](#)

mRNA Refseq [NM_001135170](#)

Protein Refseq [NP_001128642](#)

UniProt ID [Q9BXJ2](#)

Chromosome 4p15.3

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