

Recombinant Human C1QTNF1, His-tagged

Cat. No. C1QTNF1-232H Lot. No. (See product label)

SPECIFICATION

Product Overview	Total 266 AA. MW: 30.45 kDa (calculated). N-terminal His-tag, 10extra AA (highlighted).
Species	Human
Source	E.coli
Description	C1QTNF1 is a protein that in humans is encoded by the C1QTNF1 gene.
Form	Filtered (0,4 µm) and lyophilized in 0.5 mg/mL in 0.05M 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 10 µg/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	ELISA; 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 RVPHVQGEQQ EWEGTEELPS PPDHAERAE QHEKYRPSQD
 QGLPASRCLR CCDPGTSMYP ATAVPQINIT ILKGEKGDRG DRGLQGKYGK
 TGSAGARGHT GPKGQKGSMD APGERCKSHY AAFSVGRKKP MHSNHYYQTV
 IFDTEFVNLY DHFNMFTGKF YCYPGLYFF SLNVHTWNQK ETYLHIMKNE
 EEVVILFAQV GDRSIMQSQS LMLELREQDQ VVVRLYKGER ENAIFSEELD
 TYITFSGYLV KHATEP

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 [C1QTNF1 C1q and tumor necrosis factor related protein 1 \[Homo sapiens \]](#)

Official Symbol [C1QTNF1](#)

Synonyms C1QTNF1; C1q and tumor necrosis factor related protein 1; GIP; CTRP1; ZSIG37; FLJ90694; complement C1q tumor necrosis factor-related protein 1; G protein coupled receptor interacting protein; g protein-coupled receptor-interacting protein

Gene ID [114897](#)

mRNA Refseq [NM_030968](#)

Protein Refseq [NP_112230](#)

MIM [610365](#)

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UniProt ID Q9BXJ1

**Chromosome
Location** 17q25

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