

Recombinant Human C1QTNF6, His-tagged

Cat. No. C1QTNF6-1356H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human C1QTNF6 produced in <i>E. Coli</i> is a single, non-glycosylated, Polypeptide chain containing 242 amino acids and having a molecular mass of 27 kDa. The protein contains an extra His tag at N-terminus. The C1QTNF6 is purified by proprietary chromatographic techniques.
Species	Human
Source	E.coli
Description	C1QTNF6 is a collagen type-IV specific for basement membranes. C1QTNF6 is vital for embryonic development.
Amino Acid Sequence	MKHHHHHHAS TFDRAVASGC QRCCDSEDPL DPAHVSSASS SGRPHALPEI RPYINITILK GDKGDPGPMG LPGYMGREGP QGEPGPQGSK GDKGEMGSPG APCQKRFFAF SVGRKTALHS GEDFQTLLFE RVFVNLDGCF DMATGQFAAP LRGIYFFSLN VHSWNYKETY VHIMHNQKEA VILYAQP SER SIMQSQSVML DLAYGDRVWV RLFKRQRENA IYSNDFDTYI TFSGHLIKAEDD.
Formulation	Human C1QTNF6 was lyophilized from 50mM Acetate Buffer pH-4.
Solubility	Add 0.1M Acetate buffer pH4 to prepare a working stock solution of approximately 0.5mg/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

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before using it in the cell culture.

Purity

Greater than 95% as determined by SDS PAGE.

Stability

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C. The lyophilized protein remains stable until the expiry date when stored at -20°C.

GENE INFORMATION

Gene Name

C1QTNF6 C1q and tumor necrosis factor related protein 6 [Homo sapiens]

Synonyms

C1QTNF6; C1q and tumor necrosis factor related protein 6; CTRP6; ZACRP6; complement-c1q tumor necrosis factor-related protein 6; Complement C1q tumor necrosis factor-related protein 6; UNQ581/PRO1151

Gene ID

114904

mRNA Refseq

NM_031910

Protein Refseq

NP_114116

UniProt ID

Q9BXI9

**Chromosome
Location**

22q13.1

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