

## C1QTNF7 Human

**Description:** C1QTNF7 Human Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain containing 283 amino acids and having a molecular mass of 30.2 kDa. The protein contains an extra 10 amino acid His tag at N-terminus. The C1QTNF7 amino acid sequence is identical to UniProtKB/Swiss-Prot entry Q9BXJ2 amino acids 17289. The C1QTNF7 is purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-521

For research use only.

**Synonyms:** CTRP7, C1QTNF7, ZACRP7, Complement C1q tumor necrosis factor-related protein 7.

**Source:** Escherichia Coli.

**Amino Acid Sequence:** MKHHHHHHAS QPRGNQLKGE NYSPRYICSI PGLPGPPGPP  
GANGSPGPHG RIGLPGRDGR DGRKGEKGEK GTAGLRGKTG PLGLAGEKGD QGETGKKGPI  
GPEGEKGEVG PIGPPGPKGD RGEQGDPLP GVCRCGSIVL KSAFSVGITT SYPEERLPPI  
FNKVLNEGE HYNPATGKFI CAFPGIYYFS YDITLANKHL AIGLVHNGQY RIKTFDANTG  
NHDVASGSTV IY

**Purity:** Greater than 95% as determined by SDS PAGE.

**Formulation:**

Human C1QTNF7 was lyophilized from 30mM Acetate Buffer pH-4.

**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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**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 10g/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.

**Introduction:**

C1QTNF7 is a collagen type-IV specific for basement membranes.

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