

## 32-3379: C1QTNF7 Recombinant Protein

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

### Description

Source : Escherichia Coli. 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 17-289. The C1QTNF7 is purified by proprietary chromatographic techniques. C1QTNF7 is a collagen type-IV specific for basement membranes.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 95% as determined by SDS PAGE.
<b>Content :</b>	Human C1QTNF7 was lyophilized from 30mM Acetate Buffer pH-4.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MKHHHHHHAS QPRGNQLKGE NYSPTYICSI PGLPGPPGPP GANGSPGPHG RIGLPGRDGR DGRKGEKGEK GTAGLRGKTG PLGLAGEKGD QGETGKKKPI GPEGEKGEVG PIGPPGPKGD RGEQGDPLP GVCRCGSIVL KSAFSVGITT SYPEERLPII FNKVLFNAGE HYNPATGKFI CAFPGIYFYS YDITLANKHL AIGLVHNGQY RIKTFDANTG NHDVASGSTV IYLPQPEDEVW LEIFFTDQNG LFSDPGWADS LFSGFLLYVD TDYLDSEDEL.

### Application Note

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 10<sup>-4</sup>g/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.

