

Complement C1q Tumor Necrosis Factor-Related Protein 7 Human Re-

Item Number	rAP-3078
Synonyms	CTRP7, C1QTNF7, ZACRP7, Complement C1q tumor necrosis factor-related protein 7.
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
Uniprot Accession Number	Q9BXJ2
Amino Acid Sequence	MKHHHHHHAS QPRGNQLKGE NYSPRYICSI PGLPGPPGPP GANGSPGPHG RIGLPGRDGR DGRKGGEKGEK GTAGLRGKTG PLGLAGEKGD QGETGKKGPI GPEGEKGEVG PIGPPGPKGD RGEQGDPLP GVCRCGSIVL KSAFSVGITT SYPEERLP II FNKVL FNEGE HYNPATGKFI CAFPGIYYFS YDITLANKHL AIGLVHNGQY RIKTFDANTG NHDVASGSTV IYLQPEDEVW LEIFFTDQNG LFSDPGWADS LFSGFLLYVD TDYLD SISEDDEL.
Source	Escherichia Coli.
Physical Appearance and 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.
Formulation and Purity	Human C1QTNF7 was lyophilized from 30mM Acetate Buffer pH-4. Greater than 95% as determined by SDS PAGE.
Application	
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 10µ
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**