

Complement C1q Tumor Necrosis Factor-Related Protein 1 Human Re-

Item Number	rAP-3084
Synonyms	GIP, CTRP1, ZSIG37, FLJ90694, C1QTNF1, Complement C1q Tumor Necrosis Factor-Related Protein 1, G protein-coupled receptor-interacting protein.
Description	C1QTNF1 Human Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain containing 266 amino acids and having a molecular mass of 30.45 kDa. The protein contains an extra His tag at N-terminus. The C1QTNF1 amino acid sequence is identical to UniProtKB/Swiss-Prot entry Q9BXJ1
Uniprot Accession Number	Q9BXJ1
Amino Acid Sequence	MKHHHHHHAS RVPHVQGEQQ EWEGTEELPS PPDHAERAEE QHEKYRPSQD QGLPASRCLR CCDPGTSMPY ATAVPQINIT ILKGEKGDRG DRGLQGYGK TGSAGARGHT GPKGQKGSMG APGERCKSHY AAFSVGRKKP MHSNHYYQTV IFDTEFVNLY DHFNMFTGKF YCYVPGLYFF SLNVHTWNQK ETYLHIMKNE EEVVILFAQV GDRSIMQSQS LMLELREQDQ VVVRLYKGER ENAIFFSEELD TYITFSGYLVKHATEP.
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 C1QTNF1 was lyophilized from 50mM 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**