

## C1QTNF1 recombinant protein

Recombinant Human C1QTNF1 Protein

|                               |                            |                            |                                                      |
|-------------------------------|----------------------------|----------------------------|------------------------------------------------------|
| CATALOG #<br><b>AAA263183</b> | HOST<br><b>Human cells</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>SDS-Page, Western Blot, ELISA</b> |
|-------------------------------|----------------------------|----------------------------|------------------------------------------------------|

### PRODUCT SYNONYMS

C1QTNF1; Recombinant Human C1QTNF1 Protein; CTRP1; Complement C1q tumor necrosis factor-related protein 1; G protein-coupled receptor-interacting protein; GIP; C1QTNF1 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                         |                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                    | Human cells                                                                                                                                                                                                                                                                                                  |
| Reactivity                                              | Human                                                                                                                                                                                                                                                                                                        |
| Purity/Purification                                     | Greater than 95% as determined by reducing SDS-PAGE.                                                                                                                                                                                                                                                         |
| Form/Format                                             | Lyophilized from a 0.2 uM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.                                                                                                                                                                                                                                  |
| Sequence                                                | RVPHVQGEQQ EWEGTEELPS PPDHAERAE QHEKYRPSQD QGLPASRCLR CCDPGTSMYP ATAVPQINIT<br>ILKGEKGD RG DRGLQGKYGK TGSAGARGHT GPKGQKGS MG APGERCKSHY AAFSVGRKKP MHSNHYYQTV<br>IFDTEFVNLY DHFNMFTGKF YCYVPGLYFF SLNVHTWNQK ETYLHIMKNE EEVILFAQV GDRSIMQS QS<br>LMLELREQDQ VVWRLYKGER ENAIFSEELD TYITFSGYLV KHATEPVDHH HHHH |
| Sequence Length                                         | 281                                                                                                                                                                                                                                                                                                          |
| Applicable Applications for C1QTNF1 recombinant protein | MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA                                                                                                                                                                                                                                                   |
| Endotoxin                                               | Less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.                                                                                                                                                                                                                                                    |
| Directions for Use                                      | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 mug/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.                              |
| Preparation and Storage                                 | Lyophilized protein should be stored at -20 degree C, though stable at room temperature for 3 weeks.<br>Reconstituted protein solution can be stored at 2-8 degree C for 2-7 days.<br>Aliquots of reconstituted samples are stable at -20 degree C for 3 months.                                             |

### ADDITIONAL INFORMATION

|                                                             |                                                                                                                                                                            |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for C1QTNF1 recombinant protein | Recombinant Human C1QTNF1 Protein is produced by our mammalian expression system and the target gene encoding Arg26-Pro281 is expressed with a 6His tag at the C-terminus. |
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### NCBI AND UNIPROT INFORMATION

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| NCBI GI #                 | <a href="#">13569944</a>                                                                          |
| NCBI GeneID               | <a href="#">114897</a>                                                                            |
| NCBI Accession #          | <a href="#">NP_112230.1</a>                                                                       |
| NCBI GenBank Nucleotide # | <a href="#">NM_030968.4</a>                                                                       |
| UniProt Accession #       | <a href="#">Q9BXJ1</a> ; <a href="#">Q6ZMH6</a> ; <a href="#">Q96NF2</a> ; <a href="#">Q9GZR4</a> |
| NCBI Official Full Name   | complement C1q tumor necrosis factor-related protein 1 isoform 1                                  |

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI Official Synonym Full Names | C1q and tumor necrosis factor related protein 1        |
| NCBI Official Symbol             | C1QTNF1                                                |
| NCBI Official Synonym Symbols    | GIP; CTRP1; ZSIG37                                     |
| NCBI Protein Information         | complement C1q tumor necrosis factor-related protein 1 |
| UniProt Protein Name             | Complement C1q tumor necrosis factor-related protein 1 |
| UniProt Gene Name                | <b>C1QTNF1</b>                                         |
| UniProt Synonym Gene Names       | CTRP1; GIP                                             |
| UniProt Entry Name               | C1QT1_HUMAN                                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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