Recombinant Human C1QTNF1, His-tagged

Cat. No. C1QTNF1-897H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human C1QTNF1 encoding the human C1q and tumor necrosis factor related protein 1 (CTRP1) Globular form (Cys141-Pro281P) was recombined with His tag at the N-Terminus. That was expressed in*E. Coli*, and purified by Ni-NTA column.MW=15.5KDa.
Species	Human
Source	E.coli
ProteinLength	141-281 a.a.
Description	C1QTNF1 has been shown to interact with Arginine vasopressin receptor 2.
Sequence	Human C1q and tumor necrosis factor related protein, Globular Form (Cys^{141}-Pro^{281} ^{P})141CKSHYAAFSV GRKKPMHSNH YYQTVIFDTE FVNLYDHFNM FTGKFYCYVP GLYFFSLNVH TWNQKETYLH IMKNEEEVVI LFAQVGDRSI MQSQSLMLEL REQDQ VWVRL YKGERENAIF SEELDTYITF SGYLVKHATE P 281.
Purity	>95% in SDS gel.
Formulation	Lyophilized 100 μg human C1QTNF1 in 50 μl of TBS (20 mM Tris, 50mM NaCl, pH8.0). Carry free.
Application	Cell biology, ELISA.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution	Add 500 µl deionized water to the vial to prepare a working stock solution at 200µg/mL. Allow to set at least 30 minutes at 4°C, mix well.
Storage	Store lyophilized protein at -20°C or -70°C. Lyophilized protein is stable for up to 6 months from date of receipt at -70°C. Upon reconstitution, this protein can be stored at for a few weeks or at -70°C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

GENE INFORMATION

Gene Name	C1QTNF1 C1q and tumor necrosis factor related protein 1 [Homo sapiens]
Synonyms	C1QTNF1; C1q and tumor necrosis factor related protein 1; GIP; CTRP1; ZSIG37; FLJ90694; G protein coupled receptor interacting protein; G protein-coupled receptor-interacting protein
Gene ID	114897
mRNA Refseq	NM_030968
Protein Refseq	NP_112230
MIM	610365
UniProt ID	Q9BXJ1
Chromosome Location	17q25

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