

Product datasheet for **TP701103**

CTRP4 (C1QTNF4) (NM_031909) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human C1q and tumor necrosis factor related protein 4 (C1QTNF4), Leu17-End, with C-terminal His tag, secretory expressed in HEK293 cells, 50 ug
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC207458, encoding the region Leu17-End of C1QTNF4
Tag:	C-HIS
Predicted MW:	35kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH 7.4, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_114115
Locus ID:	114900
UniProt ID:	Q9BXJ3 , A0A3B0J0L9
RefSeq Size:	1436
Cytogenetics:	11p11.2
RefSeq ORF:	987
Synonyms:	CTRP4; ZACRP4



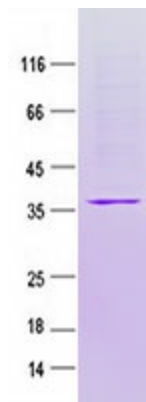
[View online »](#)

Summary:

May be involved in the regulation of the inflammatory network. Its role as pro- or anti-inflammatory seems to be context dependent (PubMed:21658842, PubMed:27086950). Seems to have some role in regulating food intake and energy balance when administered in the brain. This effect is sustained over a two-day period, and it is accompanied by decreased expression of orexigenic neuropeptides in the hypothalamus 3 h post-injection (By similarity). [UniProtKB/Swiss-Prot Function]

Protein Families:

Secreted Protein

Product images:

Purified recombinant protein C1QTNF4 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.