

# Recombinant Human C1QTNF4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. C1QTNF4-550H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	C1QTNF4 MS Standard C13 and N15-labeled recombinant protein (NP_114115) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	May be involved in the regulation of the inflammatory network. Its role as pro- or anti-inflammatory seems to be context dependent. 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.
<b>Molecular Mass</b>	35.3 kDa
<b>AA Sequence</b>	MLPLLLGLLGPAACWALGPTPGPGSSELRSAFSAARTTPLEGTSEMAVTFDKVYVNI GGDFDVATGQFRCRVPGAYFFSFTAGKAPHKSLSVMLVRNRDEVQALAFDEQRRP GARRAASQSAMLQLDYGDTVWLRHLHGAPQYALGAPGATFSGYLVIADADADAPAR GPPAPPEPRSAFSAARTRSLVGSDAGPGPRHQPLAFDTEFVNIGGDFDAAAGVFRC RLPGAYFFSFTLGKLPKRTLSVKLMKNRDEVQAMIYDDGASRRREMQSQSVMLALR RGDAVWLLSHDHDGYGAYSNHGKYITFSGFLVYPLAPAAPPGLGASELLTRTRPL EQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining

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<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

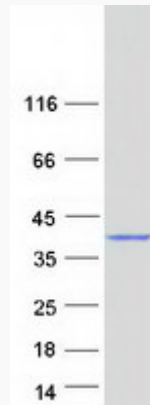
<b>Gene Name</b>	C1QTNF4 C1q and tumor necrosis factor related protein 4 [ Homo sapiens (human) ]
<b>Official Symbol</b>	C1QTNF4
<b>Synonyms</b>	C1QTNF4; C1q and tumor necrosis factor related protein 4; complement C1q tumor necrosis factor-related protein 4; complement c1q tumor necrosis factor related protein 4; CTRP4; ZACRP4; complement-c1q tumor necrosis factor-related protein 4;
<b>Gene ID</b>	114900
<b>mRNA Refseq</b>	NM_031909
<b>Protein Refseq</b>	NP_114115
<b>MIM</b>	614911
<b>UniProt ID</b>	Q9BXJ3

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**SDS-PAGE**



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