

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

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

SPECIFICATION

Product Overview	C1QTNF4 MS Standard C13 and N15-labeled recombinant protein (NP_114115) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	35.3 kDa
AA Sequence	MLPLLLGLLGPAACWALGPTPGPGSSELRSAFSAARTTPLEGTSEMAVTFDKVYVNI GGDFDVATGQFRCRVPGAYFFSFTAGKAPHKSLSVMLVRNRDEVQALAFDEQRRP GARRAASQSAMLQLDYGDTVWLRHLHGAPQYALGAPGATFSGYLVIADADADAPAR GPPAPPEPRSAFSAARTRSLVGSDAGPGPRHQPLAFDTEFVNIGGDFDAAAGVFRC RLPGAYFFSFTLGKLPRKTL SVKLMKNRDEVQAMIYDDGASRRREMQSQSVMLALR RGDAVWLLSHDHDGYGAYSNHGKYITFSGFLVYPDLAPAAPPGLGASELLTRTRPL EQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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

GENE INFORMATION

Gene Name	C1QTNF4 C1q and tumor necrosis factor related protein 4 [Homo sapiens (human)]
Official Symbol	C1QTNF4
Synonyms	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;
Gene ID	114900
mRNA Refseq	NM_031909
Protein Refseq	NP_114115
MIM	614911
UniProt ID	Q9BXJ3

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