

Recombinant Human TTC12 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TTC12-4178H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TTC12 MS Standard C13 and N15-labeled recombinant protein (NP_060338) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	TTC12 (Tetratricopeptide Repeat Domain 12) is a Protein Coding gene. Diseases associated with TTC12 include Ciliary Dyskinesia, Primary, 45 and Primary Ciliary Dyskinesia. Gene Ontology (GO) annotations related to this gene include binding. An important paralog of this gene is RPAP3.
Molecular Mass	78.6 kDa
AA Sequence	MDADKEKDLQKFLKNVDEISNLIQEMNSDDPVVQQKAVLETEKRLLLMEEDQEEDE CRTTLNKT MISPPQTAMKSAEEINSEAF LASVEKDAKERAKRRRENKVLADALKEKG NEAFAEGNYETAILRYSEGLEKLKDMKVLYTNRAQAYMKLEDYEKALVDCEWALKC DEKCTKAYFHMGMKANLALKNYSVSRECYKKILEINPKLQTQVKGYLNQVDLQEKADL QEKEAHELLDSGKNTAVTTKNLLETLSKPDQIPLFYAGGIEILTEMINECTEQTLFRMH NGFSIISDNEVIRRCFSTAGNDAVEEMVCVSVLKLWQAVCSRNEENQRVLVIIHDRA RLLAALLSSKVLAIRQQSFALLHLAQTESGRSLIINHLDLTRLLEALVSFLDFSDKEAN TAMGLFTDLALEERFQVWFQANLPGVLPALTGVKTDPKVSSSSALCQCIAIMGNLS AEPTTRRHMAACEEFGDGCLSLARCEEDVDLFREVIYTLGLMMNLC LQAPFVSEV

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WAVEVSRRLCSLLNSQDGGILTRAAGVLSRTLSSSLKIVEEALRAGVVKKMMKFLKT
GGETASRYAIKILAICTNSYHEAREEVIRLDKKLSVMMKLLSSEDEVLVGNAALCLGN
CMEVPNVASSLLKTDLLQVLLKLAGSDTQKTAVQVNAGIALGKLCTAEPRFAAQLRK
LHGLEILNSTMKYISDSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

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 TTC12 tetratricopeptide repeat domain 12 [Homo sapiens (human)]

Official Symbol TTC12

Synonyms TTC12; tetratricopeptide repeat domain 12; TPARM; CILD45; tetratricopeptide repeat protein 12; TPR repeat protein 12

Gene ID 54970

mRNA Refseq NM_017868

Protein Refseq NP_060338

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MIM	610732
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UniProt ID	Q9H892
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