

## Product datasheet for PH311271

### TTC19 (NM\_017775) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TTC19 MS Standard C13 and N15-labeled recombinant protein (NP_060245)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211271
Predicted MW:	55.6 kDa
Protein Sequence:	>RC211271 representing NM_017775 Red=Cloning site Green=Tags(s)

MAQPHTTSVPYFARSPAPPPSRSGAPPQPPATLRPSRRRTRPPRPADRRDAPADCAYLWRILTPRRGRA  
RRSDVGARHRACGRRDVLLSRQGPANPEGARRVVGQERVWPAVRRRGRGSMFRLLSWSLGRGFLRAAGR  
RCRGCSARLLPGLAGGPGPEVQVPPSRVAPHGRGPGLLPLLAALAWFSRPAEEEEQQGADGAAEDGA  
DEAEAEIQLLKRAKLSIMKDEPEEAELILHDALRLAYQTDNKKAITTYDLMANLAFIRGQLENAEQLF  
KATMSYLLGGGMKQEDNAIIEISLKLASIAAQNROQEFVAVAGYEFICISTLEEKIEREKELAEIDMSVEEK  
ANTHLLGMCLDACARYLLFSKQPSQAQRMYEKALQISEEQGERHPQITVLMSDLATTLDAQGRFDEAY  
IYMQRASDLARQINHPPELHMVLSNLAAVLMHRERYTQAKEIYQEALKQAKLKKDEISVQHIREELAEISK  
KSRPLTNSVKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_060245</a></u>
RefSeq Size:	2784
RefSeq ORF:	1503



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**Synonyms:** 2010204O13Rik; MC3DN2

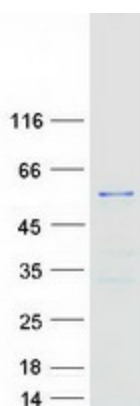
**Locus ID:** 54902

**UniProt ID:** [Q6DKK2](#), [A0A024RD83](#)

**Cytogenetics:** 17p12

**Summary:** This gene encodes a protein with a tetratricopeptide repeat (TPR) domain containing several TPRs of about 34 aa each. These repeats are found in a variety of organisms including bacteria, fungi and plants, and are involved in a variety of functions including protein-protein interactions. This protein is embedded in the inner mitochondrial membrane and is involved in the formation of the mitochondrial respiratory chain III. It has also been suggested that this protein plays a role in cytokinesis. Mutations in this gene cause mitochondrial complex III deficiency. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2012]

### Product images:



Coomassie blue staining of purified TTC19 protein (Cat# [TP311271]). The protein was produced from HEK293T cells transfected with TTC19 cDNA clone (Cat# [RC211271]) using MegaTran 2.0 (Cat# [TT210002]).