

## Recombinant Human TTC19 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** TTC19-6211H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | TTC19 MS Standard C13 and N15-labeled recombinant protein (NP_060245) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 55.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MAQPHTTSVPYFARSPAPPPPSRSGAPPQPPATLRPSRRRTRPPRPADRRDAPAD<br>CAYLWRILTPRRGRARRSDVGARHRACGRRDVLLSRQGPANPEGARRVVGQER<br>VWPAVRRGRGGSMFRLLSWSLGRGFLRAAGRRCRGCSARLLPGLAGGPGPEVQV<br>PPSRVAPHGRGPGLPLLAALAWFSRPAEEEEEQQGADGAAAEDGADEAEAEIIQ<br>LLKRAKLSIMKDEPEEAELILHDALRLAYQTDNKKAITTYDLMANLAFIRGQLENAEQ                                                                                                                                                                                                                                                                                                                                                               |

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 45-1 Ramsey Road, Shirley, NY 11967, USA

LFKATMSYLLGGGMKQEDNAIIEISLKLASIYAAQNRQEFVAGYEFCISTLEEKIERE  
 KELAEDIMSVEEKANTHLLLGMCLDACARYLLFSKQPSQAQRMYEKALQISEEIQGE  
 RHPQTIVLMSDLATTLDAQGRFDEAYIYMQRASDLARQINHPQLHMLVLSNLAAYLMH  
 RERYTQAKEIYQEALKQAKLKKDEISVQHIREELAELSKSRPLTNSVKLTRTRPLEQ  
 KLISEEDLAANDILDYKDDDDKV

**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** [TTC19 tetratricopeptide repeat domain 19 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [TTC19](#)

**Synonyms** TTC19; tetratricopeptide repeat domain 19; tetratricopeptide repeat protein 19, mitochondrial; FLJ20343; MGC19520; TPR repeat protein 19; 2010204O13Rik; MGC138312;

**Gene ID** [54902](#)

**mRNA Refseq** [NM\\_017775](#)

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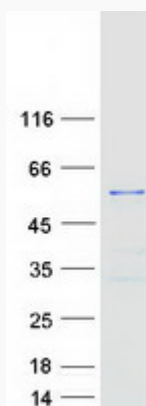
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**Protein Refseq** NP\_060245

**MIM** 613814

**UniProt ID** Q6DKK2

**SDS-PAGE**



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