

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

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

SPECIFICATION

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

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LFKATMSYLLGGGMKQEDNAIIEISLKLASIYAAQNRQEFVAGYEFICISTLEEKIERE
 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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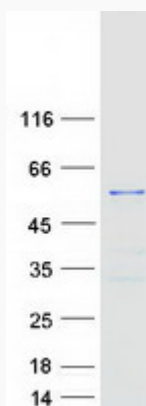
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Protein Refseq NP_060245

MIM 613814

UniProt ID Q6DKK2

SDS-PAGE



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