

Recombinant Human TTI2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TTI2-6230H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C8orf41 MS Standard C13 and N15-labeled recombinant protein (NP_079391) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a regulator of the DNA damage response. The protein is a component of the Triple T complex (TTT) which also includes telomere length regulation protein and TELO2 interacting protein 1. The TTT complex is involved in cellular resistance to DNA damage stresses and may act as a regulator of phosphoinositide-3-kinase-related protein kinase (PIKK) abundance.
Molecular Mass	56.9 kDa
AA Sequence	MELDSALEAPSQEDSNLSEELSHSAFGQAFSKILHCLARPEARRGNVKDAVLKDLG DLIEATEFDRLFEGTGARLRGMPETLGQVAKALEKYAAPSKEEEGGGDGHSEAAEK AAQVGLLFLKLLGKVETAKNSLVGPAWQTGLHHLAGPVYIFAITHSLEQPWTTPRSR EVAREVLTSLQVTECGSVAGFLHGENEDEKGRLSVILGLLKPDLYKESWKNNPAIK HVFSWTLQQVTRPWLSQHLERVLPASLVISDDYQTENKILGVHCLHHIVLNVPADLL QYNRAQVLYHAISNHLTYPEHHLIQAVLLCLLDLFPILEKTLHWKGDGARPTTHCDEV LRLILTHMEPEHRLLLRRTYARNLPFVNRLGILTVRHLKRLERVIIGYLEVYDGPREE ARLKILETLKLLMQHTWPRVSCRLVVLLKALLKLICDVARDPNLTPESVKSALLQEAT

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DCLILLDRCSQGRVKGLLAKIPQSCEDRKVVNYIRKVQQVSEGAPYNGTTRTRPLEQ
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 TTI2 TELO2 interacting protein 2 [Homo sapiens (human)]

Official Symbol TTI2

Synonyms TTI2; TELO2 interacting protein 2; C8orf41, chromosome 8 open reading frame 41, Tel2 interacting protein 2 homolog (S. pombe); TELO2-interacting protein 2; FLJ23263; Tel2 interacting protein 2 homolog; C8orf41;

Gene ID 80185

mRNA Refseq NM_025115

Protein Refseq NP_079391

MIM 614426

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UniProt ID

Q6NXR4

SDS-PAGE

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