

Product datasheet for TP309782M

C8ORF41 (TTI2) (NM_025115) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 8 open reading frame 41 (C8orf41), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209782 protein sequence Red=Cloning site Green=Tags(s)

MELDSALEAPSQEDSNLSEELSHSAFGQAFSKILHCLARPEARRGVNDKDAVLKDLGLDIEATEFDRLFEG
TGARLRGMPETLGQVAKALEKYAAPSKEEEGGDGHSEAAEKAAQVGLLFLKLLGKLVETAKNSLVGPAWQ
TGLHHLAGPVYIFAIHLSLEQPWTTTPRSREVAREVLTSLQVTECGSVAGFLHGENEDEKGRSLVILGLL
KPDLYKESWKNNPAIKHVFSWTLQQVTRPWLSQHLERVLPAASLVISDDYQ TENKILGVHCHLHHIVLNVPA
ADLLQYNRAQVLYHAISNHLTYPEHHLIQAVLLCLLDLFPILEKTLHWKGDGARPTTHCDEVLRILITHM
EPEHRLLLRRTYARNLPAFVNRLGILTVRHLKRLERVIIGYLEVYDGPPEEARLKILETLKLLMQHTWPR
VSCRLVLLKALLKICDVARDPNLTPESVKSALLQEATDCLILLDRCSQGRVKGLLAKIPQSCEDRKVV
NYIRKVVQVSEGAPYNGT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	56.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_079391
Locus ID:	80185
UniProt ID:	Q6NXR4
RefSeq Size:	2763
Cytogenetics:	8p12
RefSeq ORF:	1524
Synonyms:	C8orf41; MRT39
Summary:	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. [provided by RefSeq, May 2013]

Product images:



Coomassie blue staining of purified TTI2 protein (Cat# [TP309782]). The protein was produced from HEK293T cells transfected with TTI2 cDNA clone (Cat# [RC209782]) using MegaTran 2.0 (Cat# [TT210002]).