

Product datasheet for PH309782

C8ORF41 (TTI2) (NM_025115) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C8orf41 MS Standard C13 and N15-labeled recombinant protein (NP_079391)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209782
Predicted MW:	56.9 kDa
Protein Sequence:	>RC209782 protein sequence Red=Cloning site Green=Tags(s)

MELDSALEAPSQEDSNLSEELSHSAFGQAFSKILHCLARPEARRGNVKDAVLKDLGDLIEATEFDRLFEG
TGARLRGMPETLGQVAKALEKYAAPSKEEEGGDGHSEAAEKAAQVGLLFLKLLGKVETAKNSLVGPAWQ
TGLHHLGAPVYIFAITHSLEQPWTPRSREVAREVLTSLQVTECGSVAGFLHGENEDEKGRLSVILGLL
KPDLYKESWKNNPAIKHVSFQVTRPWSQHLEVLPAVLSDDYQ TENKILGVHCLHHIVLNVPA
ADLLQYNRAQVLYHAISNHLYPEHLLIQAVLLCLLDLFPILEKTLHWKGDGARPTTHCDEVLRILITHM
EPEHRLLLRRTYARNLPFVNRLGILTVRHLKRLERVIIGYLEVYDGPPEEARLKILETLKLLMQHTWPR
VSCRLVLLKALLKLCIDVARDPNLTPESVKSALLQEATDCLILLDRCSQGRVKGLLAKIPQSCEDRKVV
NYIRKVVQVSEGAPYNGT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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>NP_079391</u>
RefSeq Size:	2763
RefSeq ORF:	1524



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Synonyms: C8orf41; MRT39

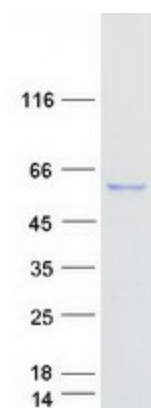
Locus ID: 80185

UniProt ID: [Q6NXR4](#)

Cytogenetics: 8p12

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]).