

Product datasheet for **SC330734**

C8ORF41 (TTI2) (NM_001265581) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	C8ORF41
Synonyms:	C8orf41; MRT39
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330734 representing NM_001265581. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGAGCTTGACAGCGCTCTGGAAGCCCCATCGCAGGAAGACTCTAATTTGTCCGAGGAGTTGTCTCAC
TCCGCCTTTGGACAGGCCTTCTCCAAGATTTTACACTGTCTTGCCCGCCCGGAGGCACGACGAGGCAAT
GTAAAAGATGCAGTTCTTAAAGACCTCGGTGATCTAATAGAAGCCACAGAATTTGATAGGTTATTTGAG
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TGGCAGACGGGCTGCATCACTTGGCAGGACCCGTTTATATTTTGGCATCACACACAGCTTGGAGCAA
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TGCGGTTCTGTGGCAGGATTCCTACATGGAGAAAAATGAAGATGAGAAAGGGAGACTTTCGGTGATACTA
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CAACATACTTGCCAGAGTTTCTGCAGACTTGTGGTCTTACTGAAGGCCCTCTGAAACTGATTTGT
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TGCCTGATTCTCTGGACCGCTGTTCTCAAGGACGGGTAAAGGGTCTCCTGGCCAAAATCCCCAAAGC
TGTGAAGACAGAAAAGTGGTGAATATATCAGAAAAGTGCAGCAGGTTTCTGAAGGCGCACCTACAAT
GGAACCTAA

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Restriction Sites:	SgfI-MluI
ACCN:	NM_001265581
Insert Size:	1527 bp



OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001265581.1</u>
RefSeq Size:	2516 bp
RefSeq ORF:	1527 bp
Locus ID:	80185
UniProt ID:	<u>Q6NXR4</u>
Cytogenetics:	8p12
MW:	56.9 kDa
Gene 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]