

Product datasheet for SC209897

Tin2 (TINF2) (NM_012461) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Tin2 (TINF2) (NM_012461) Human 3' UTR Clone
Symbol:	Tin2
Synonyms:	DKCA3; TIN2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_012461
Insert Size:	805 bp
Insert Sequence:	>SC209897 3'UTR clone of NM_012461 The sequence shown below is from the reference sequence of NM_012461. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
GACTTGCCTGCCACAGAGCAAAAGGAGTGAGTGGAACAGAGTTGCTTCTTACTAGGAGCACATTCTTTG
CCTGCCTTCCCTTCATCCTATCCTCTTTGCTTGCTCTCACCTCAGGAATTGCTTGGATTGCTACATGGA
CCCCCTGAGACTATCATTATTACCTCCTAGGGCCAGGAAGCCAGGTAGGTAGTCTGAGTCAGGATTGGA
TCAACAGCCTCCTCTCTTGGGGACTCTCAAGAGCCTGTGTTTCATCTAGAAGTAGTAGTTTGATTCTGGT
TTCCCTCCTACAGTGTGTCTCCGTCTCTGTGCAGCTCCGTCAATACCATAGGGGACTTGGTTTTAGAC
TCTGATGAGGAAGAAAATGGCCAGGGGGAAGGAAAGGTGAGTGGGAAGGAGCAGAAAAGCTGGGAAAGGG
GATGGGTAGAACAAGACTGAGAAATCCACATGCTTCAGAAATTCAGAGGGTTCAGGGAATGGTTTCGGAT
AGTAGGCTCTCCCTGCTCCCTTCTACAGGAATCTCTGGAAACTATCAGAAGACAAAGTTTGACACC
TTGATACCACTCTCTGTGAATACCTACCCCTTCTGGCCACGGTGCCATACCTGTTTCTTCTGTGAC
TGTAGAGACAGTTCTAGACCTTTGTGATAGAACTAAATGCTCTCTGTACTCTAGTCTCCTGCCTCCTC
AGCTCTGCAAGTAGTTTAGTAGGAATGAAGTGGAAAGTCCAGGCTTGGATTGCCTAACTACACTGCTAAA
AATATTTGTAATCCTTAATAATTAACCTTTGGATTGTAAATAC
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI


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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_012461.3</u>
Summary:	This gene encodes one of the proteins of the shelterin, or telosome, complex which protects telomeres by allowing the cell to distinguish between telomeres and regions of DNA damage. The protein encoded by this gene is a critical part of shelterin; it interacts with the three DNA-binding proteins of the shelterin complex, and it is important for assembly of the complex. Mutations in this gene cause dyskeratosis congenita (DKC), an inherited bone marrow failure syndrome. [provided by RefSeq, Mar 2010]
Locus ID:	26277
MW:	28.9