

Product datasheet for **SC210946**

C1orf124 (SPRTN) (NM_032018) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	C1orf124 (SPRTN) (NM_032018) Human 3' UTR Clone
Symbol:	C1orf124
Synonyms:	C1orf124; DVC1; PRO4323; spartan
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_032018
Insert Size:	1692 bp



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Insert Sequence: >SC210946 3'UTR clone of NM_032018
 The sequence shown below is from the reference sequence of NM_032018. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATCAAAGTCAAAAGCGAAGAAAGTCTTTGAAAAAGGTTTCAAAGTCTCAAGTACCACCTGTATTATCTC
ACTAATGTGCTATGTCAGCCAGTCAGGAAGTTCTGGTTAATACTAAGATTTGTAGTTTAAATCTAGTT
CACATAACCAATAGAAAGTGTCTATTTTATATATACGCATATAAGATTGTAATTTTAAAGATGTTTTGT
GTCTCAGGGTGTACATTCACCTTGCCTTAGGTACTGTAAACCAGGTTCTGCCTGTCGTGTATAAG
TTTTAGATACTTTTGTCTTTCTTGTCTTAAAGATTTTAAAAACCTGTAATCTTTTTATTGTATAC
TTTCTAAAAATATTCATATGGGAATCCTGTCAGGTGTTGGTTATATTGACTATTTTAAATAGTAT
TAGAACTATTCCCTGAACTGATGTAATCTTCATAGTGTGAGACATACTGACAAAACCACAATCTAG
ACTACAAAGTATATTGTTTTAGAGTACTCAAATGTATTATTTTAAATTTTTTTGTTTGCAAAATCTT
AACAGGAACTGTATTTTCTATATTTTAAAGAATTTTATTTGTCCCACTTTTACTAAACAGTGGCAGCAG
ATTTTAAAGTTAAAGAATATGGAATATAGTAAAATAAGTAAATTTCTTTTGGAAATTTTTTAAAGTAAA
TAGCCACTATAATTCTGTAGGCCAAATTTTATATTGAGTTAGCTGTTTTCTCAAATTTAGCAGAGTG
GTTAAAATTTCTGTGCTGATAAGTAACTGATACATAAACATAACAAAGTTGCCTAGTTGATGT
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AATACCATTTGTGCATTTAAGTAACTTTTTTAAAAAAATATTTTCCATGTTATAGGGAAAGGACAA
AGAGACTTTTATCAGTTTGTCTTTTGTCTTGTGGCTGTACATGCTGTTGGCATAGCCCTAACACAGTTG
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CTTCCATTGCCACAGAAGGCTTCTATAGTGTCTGTTCCAGTTGATACCCATGACCCTCACCACCTC
CAGAGGTCCTCACTGTTTTCACTCCATCGTCGCAGATTATTTTTTAAATTTATAATGTAGTATCTTTGT
TCCTATGTATAGCAGGAGTTCAATTTTATTGCTTGTGATTTGATGAATATACTAGAATTTATTCATC
CATTCTAATGTTAATGGACATTTGAATTTTCCAGTTTGGGGCTGTTAAGCATAATGCTGCTAAGAAC
ATTCTTATCTTTTCTGTTGGGTATATACAGGAATGGAATTGCTGAGTCACGGGTATATTTCTGTTT
AGCTTTAGTAAATCTGCCAGTTTACACTCCTACCAGCAATGTATGAGAGTTTTAGTTGTTCCACATTC
ATAACTGTTAGCAGCCCTTTTCGTTTTAGACTGGTTGGCTGTTCAAAATTTTATATTCCTTAAAG
CATTAAAACATTTTAAATAAATACTTATAAATAGGTA
ACGCGTAAAGCGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCACCGCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

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: [NM_032018.7](#)

Summary:

The protein encoded by this gene may play a role in DNA repair during replication of damaged DNA. This protein recruits valosin containing protein (p97) to stalled DNA replication forks where it may prevent excessive translesional DNA synthesis and limit the number of DNA-damage induced mutations. It may also be involved in replication-related G2/M-checkpoint regulation. Deficiency of a similar protein in mouse causes chromosomal instability and progeroid phenotypes. Mutations in this gene have been associated with Ruijs-Aalfs syndrome (RJALS). Alternatively spliced transcript variants have been identified. [provided by RefSeq, Mar 2015]

Locus ID:

83932

MW:

66