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Product datasheet for SC201890

Coiled coil domain containing protein 111 (PRIMPOL) (NM_152683) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Coiled coil domain containing protein 111 (PRIMPOL) (NM_152683) Human 3' UTR Clone
Symbol:	Coiled coil domain containing protein 111
Synonyms:	CCDC111; MYP22; Primpol1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_152683
Insert Size:	203 bp
Insert Sequence:	>SC201890 3'UTR clone of NM_152683 The sequence shown below is from the reference sequence of NM_152683. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GAACTAATTATAGAAGTATTACAAGAGTAACTAATTCACTATGAACACTTTTGTCACCAGGCTATAATT TGCCTGATGTCTGTGAGATTTGATAAATATATCATTCAACCTGTTTATATAAACTAAGTTTTATTACTT TGCTTTCCAATTTTTGTTTTTTACTTCTGTAAACCAATTTCATTAAAAATTAGCTTTGGTGTAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_152683.4

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Summary: This gene encodes a DNA primase-polymerase that belongs to a superfamily of archaeao-eukaryotic primases. Members of this family have primase activity, catalyzing the synthesis of short RNA primers that serve as starting points for DNA synthesis, as well as DNA polymerase activity. The encoded protein facilitates DNA damage tolerance by mediating uninterrupted fork progression after UV irradiation and reinitiating DNA synthesis. An allelic variant in this gene is associated with myopia 22. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016]

Locus ID: 201973

MW: 8