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Product datasheet for SC201551

NC2 alpha (DRAP1) (NM_006442) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NC2 alpha (DRAP1) (NM_006442) Human 3' UTR Clone
Symbol:	NC2 alpha
Synonyms:	NC2-alpha
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006442
Insert Size:	158 bp
Insert Sequence:	>SC201551 3'UTR clone of NM_006442 The sequence shown below is from the reference sequence of NM_006442. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GAAGAGGACGAAGAAGATTACGACTCCTAGCGCCTTCTGCCCCCCAGACCATAGCCCCTTTTAGTTGGT TTTAGTTGCTCTGGGGGGAGGAGAGAAGGTAGAGCTGTTCTTAAATTTATTAAAAAAAAAAATAAAAGG GAATCTCAGTGTCTGTTCCA 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

View online »

RefSeq: NM_006442.4

Summary: Transcriptional repression is a general mechanism for regulating transcriptional initiation in organisms ranging from yeast to humans. Accurate initiation of transcription from eukaryotic protein-encoding genes requires the assembly of a large multiprotein complex consisting of RNA polymerase II and general transcription factors such as TFIIA, TFIIB, and TFIID. DR1 is a repressor that interacts with the TATA-binding protein (TBP) of TFIID and prevents the formation of an active transcription complex by precluding the entry of TFIIA and/or TFIIB into the preinitiation complex. The protein encoded by this gene is a corepressor of transcription that interacts with DR1 to enhance DR1-mediated repression. The interaction between this corepressor and DR1 is required for corepressor function and appears to stabilize the TBP-DR1-DNA complex. [provided by RefSeq, Jul 2008]

Locus ID: 10589

MW: 6