

## Product datasheet for **SC202496**

### UAP56 (DDX39B) (NM\_080598) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	UAP56 (DDX39B) (NM_080598) Human 3' UTR Clone
Symbol:	UAP56
Synonyms:	BAT1; D6S81E; UAP56
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_080598
Insert Size:	238 bp
Insert Sequence:	>SC202496 3'UTR clone of NM_080598 The sequence shown below is from the reference sequence of NM_080598. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA <b>GCGATCGCC</b> ATCTCCTCTACATTGAACAGACACGG <b>TAG</b> AAGACTCGCCCATTTTGAATGTGACCGTCTGTCTTCA GGAGAGGACACCAAGGTGGGGTGAAGGAGACTACTGCCCCACCCCTGACAGCCCCACCCCATGG CTCCATCTTTTGCATCACCACCACTCCTGAACCCCATTTCTGATTTGTCAGAATTTTTTTTAAACA AACTAAAAATGAAACACATGTGTCTGTGGTA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-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:	<u><a href="#">NM_080598.6</a></u>



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**Summary:**

This gene encodes a member of the DEAD box family of RNA-dependent ATPases that mediate ATP hydrolysis during pre-mRNA splicing. The encoded protein is an essential splicing factor required for association of U2 small nuclear ribonucleoprotein with pre-mRNA, and it also plays an important role in mRNA export from the nucleus to the cytoplasm. This gene belongs to a cluster of genes localized in the vicinity of the genes encoding tumor necrosis factor alpha and tumor necrosis factor beta. These genes are all within the human major histocompatibility complex class III region. Mutations in this gene may be associated with rheumatoid arthritis. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on both chromosomes 6 and 11. Read-through transcription also occurs between this gene and the upstream ATP6V1G2 (ATPase, H<sup>+</sup> transporting, lysosomal 13kDa, V1 subunit G2) gene. [provided by RefSeq, Feb 2011]

**Locus ID:**

7919

**MW:**

8.9