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Product datasheet for SC205094

SAT1 (NM_002970) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SAT1 (NM_002970) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SAT1
Synonyms:	DC21; KFSD; KFSDX; SAT; SSAT; SSAT-1
ACCN:	NM_002970
Insert Size:	384 bp
Insert Sequence:	>SC205094 3'UTR clone of NM_002970 The sequence shown below is from the reference sequence of NM_002970. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TACTTGCTAAAAATGGCAACAGAGGAGTGAGGAGTGCTGCTGTAGATGACAACCTCCATTCTATTTTAG AATAAATTCCCAACTTCTCTTGCTTTCTATGCTGTTTGTAGTGAAATAATAGAATGAGCACCCATTCCA AAGCTTTATTACCAGTGGCGTTGTTGCATGTTTGAAATGAGGTCTGTTTAAAGTGGCAATCTCAGATGC AGTTTGGAGAGTCAGATCTTTCTCCTTGAATATCTTTCGATAAACAACAAGGTGGTGTGATCTTAATAT ATTTGAAAAAAACTTCATTCTCGTGAGTCATTTAAATGTGTACAATGTACACACTGGTACTTAGAGTTT CTGTTTGATTCTTTTTTAATAAACTACTCTTTGATTTAA 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_002970.4

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Summary:	The protein encoded by this gene belongs to the acetyltransferase family, and is a rate-limiting enzyme in the catabolic pathway of polyamine metabolism. It catalyzes the acetylation of spermidine and spermine, and is involved in the regulation of the intracellular concentration of polyamines and their transport out of cells. Defects in this gene are associated with keratosis follicularis spinulosa decalvans (KFSD). Alternatively spliced transcripts have been found for this gene.[provided by RefSeq, Sep 2009]
Locus ID:	6303
MW:	15