

Product datasheet for SC212015

PSAT1 (NM_058179) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PSAT1 (NM_058179) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PSAT1
Synonyms: EPIP; NLS2; PSA; PSAT; PSATD
ACCN: NM_058179
Insert Size: 1037 bp
Insert Sequence: >SC212015 3'UTR clone of NM_058179
 The sequence shown below is from the reference sequence of NM_058179. 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
AAAAAATTTTTGGAGATGCATCAGCTATGACACATCCTAACAGGATATACTCTGTTCTTGAACAACA
TACAAAGTTTAAAGTAAGTGGGGATGGCTACAAAAAGTTAACACAGTATTTTTCTCAAATGAACATGT
TTATTGCAGATTCTTTTTTTGAAAGAACAACAGCAAAACATCCACAACCTCTGTAAAGCTGGTGGGAC
CTAATGTCACCTTAATTCTGACTTGAAGTGAAGCATTAAAGAAATCTTGTTGCTTTTCTAACAAATT
CCCGCGTATTTGCCTTTGCTGCTACTTTTTCTAGTTAGATTTCAAACCTGCCTGTGGACTTAATAATG
CAAGTTGCGATTAATTATTTCTGGAGTCATGGGAACACACAGCACAGAGGGTAGGGGGCCCTCTAGGT
GCTGAATCTACACATCTGTGGGGTCTCCTGGGTTGAGCGGCTGTTGATTCAAGGTCAACATTGACCATT
GGAGGAGTGGTTAAGAGTGCCAGGCGAAGGGCAAACCTGTAGATCGATCTTTATGCTGTTATTACAGGA
GAAGTGACATACTTTATATATGTTTATATTAGCAAGGTCTGTTTTAATACCATATACTTTATATTTCT
ATACATTTATATTTCTAATAATACAGTTATCACTGATATATGTAGACACTTTTAGAATTTATTAATCC
TTGACCTTGTGCATTATAGCATTCCATTAGCAAGAGTTGTACCCCTCCCAAGTCTTCGCCTTCCTCTT
TTAAGCTGTTTTATGAAAAGACCTAGAAGTTCTTGATTCATTTTTACCATTCTTTCCATAGGTAGAA
GAGAAAGTTGATTGGTTGGTTGTTTTCAATTATGCCATTAACCTAAACATTTCTGTTAAATTACCCTA
TCCTTTGTTCTCTACTGTTTTCTTTGTAATGTATGACTACGAGAGTGATACTTTGCTGAAAAGTCTTTT
CCCTATTGTTTATCTATTGTCAGTATTTTATGTTGAATATGTAAGAACATTAAGTCCCTAAAACATCT
AA
ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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>NM_058179.4</u>
Summary:	This gene encodes a member of the class-V pyridoxal-phosphate-dependent aminotransferase family. The encoded protein is a phosphoserine aminotransferase and decreased expression may be associated with schizophrenia. Mutations in this gene are also associated with phosphoserine aminotransferase deficiency. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene have been defined on chromosomes 1, 3, and 8. [provided by RefSeq, Jul 2013]
Locus ID:	29968
MW:	39.8