

Product datasheet for **SC207937**

PAPSS1 (NM_005443) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PAPSS1 (NM_005443) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PAPSS1
Synonyms: ATPSK1; PAPSS; SK1
ACCN: NM_005443
Insert Size: 613 bp
Insert Sequence: >SC207937 3'UTR clone of NM_005443
The sequence shown below is from the reference sequence of NM_005443. 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
GAATACTACAAATCCTTGGAGAAAGCTTAGGCTGTTAACCCAGTCACTCCACCTTTGACACATTACTAG
TAACAAGAGGGGACCACATAGTCTCTGTTGGCATTCTTTGTGGTGTCTGTCTGGACATGCTTCCTAAA
AACAGACCATTTTCCTTAACTTGATCAGTTTTGGTCTGCCTTATGAGTTCTGTTTTGAACAAGGTAA
CACACTGATGGTTTTAATGTATCTTTTCCACTATTATAGTTATATTCCTACAATACAATTTTAAAATT
GTCTTTTATATTATATTATGCTTCTGTGTCATGATTTTTTCAAGCTGTATATTAGTTGTAACCAAGT
AGTATTACATTAATCTTGCTTTTTTCCCTTAAAAAAGAAAAAATTACCAACAATAAACTTGG
CTAGACCTTGTTTTGAGGATTTTACAAGACCTTGTAGCGATTAGATTTTTTTTCTACATTGAAAATAG
AAACTGCTTCCTTTCTTTCCAGTCAGCTATTGGTCTTCCAGCTGTTATAATCTAAAGTATTCTTA
TGATCTGTGTAAGCTCTGAATGAACTTCTTACTCAATAAAAATTAATTTTTTGGCTTCTTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: Sgfl-Mlul

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.



[View online »](#)

RefSeq: [NM_005443.5](#)

Summary: Three-prime-phosphoadenosine 5-prime-phosphosulfate (PAPS) is the sulfate donor cosubstrate for all sulfotransferase (SULT) enzymes (Xu et al., 2000 [PubMed 10679223]). SULTs catalyze the sulfate conjugation of many endogenous and exogenous compounds, including drugs and other xenobiotics. In humans, PAPS is synthesized from adenosine 5-prime triphosphate (ATP) and inorganic sulfate by 2 isoforms, PAPSS1 and PAPSS2 (MIM 603005).[supplied by OMIM, Mar 2008]

Locus ID: 9061

MW: 23.8