

Product datasheet for **SC216290**

PAPSS2 (NM_004670) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PAPSS2 (NM_004670) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PAPSS2
Synonyms:	ATPSK2; BCYM4; SK2
ACCN:	NM_004670
Insert Size:	1765 bp



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Insert Sequence: >SC216290 3'UTR clone of NM_004670
 The sequence shown below is from the reference sequence of NM_004670. 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
GATTATTACAGGTCCTGGAGAAGAACTAAGCCTTTGGCTCCAGAGTTTCTTTCTGAAGTGCTCTTTGA
TTACCTTTTCTATTTTTATGATTAGATGCTTTGTATTAATTGCTTCTCAATGATGCATTTTAATCTTT
TATAATGAAGTAAAAGTTGTGTCTATAATTAATAAAAAAAAAATATATATATACACACACATATACATA
CAAAGTCAAAGTGAAGACCAAATCTTAGCAGGTAAGCAATATCTTATACATTTTATAATAAAATTA
GCTCTATGATTTTCTACTGCACCTGAGCAGGCAGGTCCAGATTTCTTAAGGCTTTGTTTGACCATGT
GTCTAGTACTTGTGAAAAGTGAATATATTTCCAGCATGTCTTGACAACCTGTACTCTCCAATGTC
ATTTATCAGTTGTAATAATATACAGATTGTGCTCTTCTGTACAATTGACAAAAAAATTTTTTTT
TTCTCACTCTAAAAGAGGTGTGGCTCACATCAAGATTCTTCTGTACATTTTACCTCATGTGTACAAG
CCTTAATGTTGTAATCATATCTTACGTGTTGAAGACCTGACTGGAGAAACAAAATGTGCAATAACGTGA
ATTTTATCTTAGAGATCTGTGCAGCCTATTTCTGTGCACAAAAGTTATATTGTCTAATAAGAGAAGTCTT
AATGGCCTCTGTGAATAATGTAACCTCCAGTTACACGGTGACTTTTAAATAGCATACAGTGATTTGATGAA
AGGACGTCAAACAATGTGGCGATGTCGTGGAAAGTTATCTTTCCCGCTCTTTGCTGTGGTCATTGTGTC
TTGCAGAAAGGATGGCCCTGATGCAGCAGCAGCGCCAGCTGTAATAAAAAATAATTCACACTATCAGAC
CAAAGTGTGATGATGCACATGTATGTGTTTTGTAAGCTGTGAGCACCGTAACAAAATGTAATTTGCCA
TTATTAGGAAGTCTGGTGGCAGTGAAGAAGCACCCAGGCCACTTGACTCCAGTCTGGTGCCTGTCT
ACACCAGACAACACAGGAGCTGGGTCAGATTCCCCTCAGCTGCTTAACAAAAGTTCCCTCGAACAGAAAGT
GCTTACAAGCTGCCTTCTCGGATACTGAAAGGTCGAGTTTTCTGAACTGCACTGATTTTATTGCAAGT
GAAAAAAGCTATTCCAAGATTTCAAGCTGTTCTGAGACATCTTCTGATGGCTTTACTTCTCT
GAGAGGCAATGTTTTACTTTATGCATAATTCATTGTTGCCAAGGAATAAAGTGAAGAAACAGCACCTT
TTAATATATAGGTCTCTGGAAGAGACCTAAATTAGAAAAGAGAAAAGTGTGACAATTTTATATTTCTC
ATTCTTAAAAACACTAATCTTAACTAACAAAAGTTCTTTGAGAATAAGTTACACACAATGGCCACAG
CAGTTTGTCTTTAATAGTATAGTGCCTATACTCATGTAATCGGTTACTCACTACTGCCTTAAAAA
AAACCAGCATATTTATTGAAAACATGAGACAGGATTATAGTGCCTTAACCGATATATTTTGTGACTTAA
AAAATACATTTAAAAGTCTTCTGCTTAGTACCATGCTTAGTGCAAATGATTATTTCTATGTACAA
CTGATGCTTGTCTTATTTAATAAATTTATCAGAGTGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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: [NM_004670.4](#)

Summary:

Sulfation is a common modification of endogenous (lipids, proteins, and carbohydrates) and exogenous (xenobiotics and drugs) compounds. In mammals, the sulfate source is 3'-phosphoadenosine 5'-phosphosulfate (PAPS), created from ATP and inorganic sulfate. Two different tissue isoforms encoded by different genes synthesize PAPS. This gene encodes one of the two PAPS synthetases. Defects in this gene cause the Pakistani type of spondyloepimetaphyseal dysplasia. Two alternatively spliced transcript variants that encode different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]

Locus ID:

9060

MW:

67.2