

Product datasheet for **SC216289**

PAPSS2 (NM_001015880) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PAPSS2 (NM_001015880) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PAPSS2
Synonyms:	ATPSK2; BCYM4; SK2
ACCN:	NM_001015880
Insert Size:	1765 bp



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Insert Sequence: >SC216289 3'UTR clone of NM_001015880
 The sequence shown below is from the reference sequence of NM_001015880. 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
TTACCTTTTCTATTTTTATGATTAGATGCTTTGTATTAATTTGCTTCTCAATGATGCATTTTAATCTTT
TATAATGAAGTAAAAGTTGTGTCTATAATTAATAAAAAAAAAATATATATATACACACACACATATACATA
CAAAGTCAAAGTGAAGACCAAATCTTAGCAGGTAAGCAATATTTCTTATACATTTTATAATAAAATTA
GCTCTATGATTTTCTACTGCACCTGAGCAGGCAGGTCCAGATTTCTTAAGGCTTTGTTTGACCATGT
GTCTAGTTACTTGTGAAAAGTGAATATATTTCCAGCATGTCTTGACAACCTGTACTCTCCAATGTC
ATTTATCAGTTGTAATAATATATCAGATTGTGCTCTTCTGTACAATTGACAAAAAATTTTTTTTTT
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ATTTTATCTTAGAGATCTGTGCAGCCTATTTCTGTGCACAAAAGTTATATTGTCTAATAAGAGAAGTCTT
AATGGCCTCTGTGAATAATGTAACCTCCAGTTACACGGTGACTTTTAATAGCATACAGTGATTTGATGAA
AGGACGTCAAACAATGTGGCGATGTCGTGGAAAGTTATCTTTCCCGCTCTTTGCTGTGGTCATTGTGTC
TTGCAGAAAGGATGGCCCTGATGCAGCAGCAGCGCCAGCTGTAATAAAAAATAATTCACACTATCAGAC
CAAAGTGTGATGATGCACATGTATGTGTTTTGTAAGCTGTGAGCACCGTAACAAAATGTAATTTGCCA
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GCTTACAAGCTGCCTTCTCGGATACTGAAAGGTCGAGTTTTCTGAACTGCACTGATTTTATTGCAAGT
GAAAAAAGCTATTCCAAGATTTCAAGCTGTTCTGAGACATCTTCTGATGGCTTTACTTCTCT
GAGAGGCAATGTTTTACTTTATGCATAATTCATTGTTGCCAAGGAATAAAGTGAAGAAACAGCACCTT
TTAATATATAGGTCTCTGGAAGAGACCTAAATTAGAAAAGAGAAAAGTGTGACAATTTTATATTTCTC
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AAACCAGCATATTTATTGAAAACATGAGACAGGATTATAGTGCCTTAACCGATATATTTTGTGACTTAA
AAAATACATTTAAAAGTCTTCTGCTCTAGTACCATGCTTAGTGCAAATGATTATTTCTATGTACAA
CTGATGCTTGTCTTATTTAATAAATTTATCAGAGTGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_001015880.2](#)

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