

Product datasheet for **SC208766**

TKTL1 (NM_001145933) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: TKTL1 (NM_001145933) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: TKTL1
Synonyms: TKR; TKT2
ACCN: NM_001145933
Insert Size: 692 bp
Insert Sequence: >SC208766 3'UTR clone of NM_001145933
The sequence shown below is from the reference sequence of NM_001145933. 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
GTGGCCGTGAAATGCATGTTGCTGAACTAAATAGCTGTTAGCTTTGGTCTTTTGGCCTCTTTACCCCTG
TGTTTATGTTTGTCCAAAACCATCATTAAATCTCTACTGTACATTTTGTTCCTAAAAGCAAAGCC
AGCTAACACCTTCATTCATCCCTAGTTCGAAATTCAAGCTAACTACTTACCCTTTAAACTGTCACCTGC
ATATGCAAGTACCGCTCTAATTTTTGGATCATTAAAGGGAGTTACACAACCTTTAAGTGAAAAAATAG
GTAACAAAACAACCACCTGATAGTAAGTTTTCTGATAAGACTATAGATAAGTGGTAGAGGTAATCAATT
CTTCCGAAGTGTTCCTTCGTGAATAACTGGTAGAGGTAATAGTTTTTCAATGTATTTCCCTTCATGAG
TAAAGAAAATGTGGATTGAAGTATAGATTCCAGTAGCCTAGTTTCCACAGCACGATAACACCATGACGC
CTACTGCTGTTCCACCTTGGGATTCTGTGTGCTGCCATCCACCTGCAGCTGCCCTGGAATTCCTTC
GCTGTTTGCCTTCATCTCCCTCCAGTTTGAGAGGCTGTCAGGCAGCAGCGAAAGCTTGTTAGGATGTC
CTGTGCTGCTTGATGAGAGCCTCCACACTGTACTGTTCAAGTCAATGTTAATAAAGCATTTCAAAAC
CA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).



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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_001145933.2
Summary:	The protein encoded by this gene is a transketolase that acts as a homodimer and catalyzes the conversion of sedoheptulose 7-phosphate and D-glyceraldehyde 3-phosphate to D-ribose 5-phosphate and D-xylulose 5-phosphate. This reaction links the pentose phosphate pathway with the glycolytic pathway. Variations in this gene may be the cause of Wernicke-Korsakoff syndrome. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2011]
Locus ID:	8277
MW:	26.6