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Product datasheet for SC217227

XYLB (NM_005108) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	XYLB (NM_005108) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	XYLB
ACCN:	NM_005108
Insert Size:	2000 bp

View online »

Insert Sequence:

>SC217227 3'UTR clone of NM_005108
The sequence shown below is from the reference sequence of NM_005108. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTGTCTCAGACCCGGGGGCCTCCGGAGTGAACAGGCATCCCTGTTGCCCCTGCCTGCCCAGATTTACTG
ACCCCATTTGTCGACATGGCCCCAGACAGGAGGGATCCACTTCTCTGTTCTGAACAGCTCTTCCTGCCC
CTACTGACTCCTTGGAGTGTCCAGGACCATCTTAAAGCCGCCCTCAGCACATCTGCATGAAGATAGATA
GGCACTCCTGTCCCTGTGCCCGTGTGCCCCAGGGCAGGAAAGCATCTCTCTTTTCCTGTCTTTTATCCC
AGGAGGCAGGACAACACTGAGACTGGGATATGTCCAATAAAAACTATGACTTTTCCCCTTGCAGAGGCA
GAATTAAAGCTAATCTAGGGACTCAAATCAGCAGAATGGGGGAGACAAAGCCCGGTCTCACCCCCTAAC
CTCATCCTATCTCTTTCTCCAACCCTGACTGCCCACTCCTCCACAAACCGTGACCCATAGCCGCCCCCA
CCCCATACCTTGATCTACCATCCATCCTCTTCCCCAATCCAAACCCCACAGTCTCTTCTCTCCCACACC
CTGCCCTCCTTGTTTCAGCTGTCTGAGGTGCCTCGCAGGGCCTCTCTTACTTGCCCCATGCTCACCCTT
TCCATGCTGTCCCCATTCTCTCCTTTCACCATCTCTCCTCTCCCCCTCCTTCATCTCTCCTCCCTCCCC
AAACTCACTTGGCATAATTCACAACCTCCCACCCAAACAATGGGCCTGGTGGACGTGCTTCCTGTGCCC
TCCCTTTAGCTATGCCCACAGATCACTGAGAGGGACCATCTCCCAAGTGGTGCAGTTTAGAACTTCTCT
CCCTTTTTCTCCCTCATTCCCTCTCTCTTCTTGCAGTCCACTTGCTGAAGAAGTTGTGTCATTTCTCTG
GAAGAATTTCCAAAATTCTGGATTTCTTTTTTATTTTGGAGTATTTCATCAGCTGAAAAGTGATTCTCA
CTTTGAGTTTTCTTCCTATATTTGTATAGTGAGTTCCTTTTTCCTTCCTCTTTATCCCTCCTGTTTTAC
TTTATACCTCTCTATTCCTTGCTCAAATTATTGCAAAAGCCTCTATAGAAAGTCCTCTGTGATCTGACT
CCTGCAGACTCTTCCAGATTTTTCTGCCCAAGGCCTTTACTGAGCTCAGGACTCCAGCTAAATCAAAAT
ACGCATGTTCTCACCCAGAGTGACAAAATCCTGCAGATAGGTTTAAGACCTAGTGGCTCAGAGCAGTAG
CTACTGGGAAGTTAAAAGGAAGGGGCTTAGAAAATGAATGGGACCAAAGGCATCACTTCTGATGGAGAT
GAAGCCATCTTGAAAGTGAGTGGTGTCCTTTGGAGGCATGGTGGATGAAAGGCGCAAAGGAAGCAAGAG
GTTAAAGATAATGGCCCATTAGATACAACAGCAAGCCCAAGATTCCGAAGAAGACAGACAACTCCCCCT
AGTACCACCTAGACATTACTTTTTAAAGACATTTTACATTATTGTCCAGCAGAAAAAGGCTGTCTTGGA
CCATGAAACAGTAAACTGTAACTAAACACTTCAACATGAATTTGAAAATAAATAATTGTGGATATAAAA
GAACACCAGAGATCAGAAATTCAAAAACTCAGAATAAAAATGAAAAAGCTACAAGCATATATGAGAAGA
GAACTGACTGAACTTGGGAAATAATTTGAACAAAAAGATAAATCTTCACAGATATGAATACTAAATTAT
ATCTTAATGAAAATAGATATGGTCACAAGTACATTAAGGCACGTAGAAGGTAGGAGTAAGAAAAGCTAA
GAGAAGCAAAACAAACAAAGCAATATTAAAGGAAGAGCCAAAAAGACCCAGAAATAAAATGACAGATAA
AGAAGATTGTCAAAGAAAAGATGATACAGGTAAGATTGGAACTCATGAAGACAAAAGATAAGACAGTGG
CATAGAGTTAATATTTAAAATTCAAATATTAAAACTCAAATAAACCCCAAAGAACTTTTGGAAAACAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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_005108.4

Summary:	The protein encoded by this gene shares 22% sequence identity with Hemophilus influenzae xylulokinase, and even higher identity to other gene products in C.elegans (45%) and yeast (31-35%), which are thought to belong to a family of enzymes that include fucokinase, gluconokinase, glycerokinase and xylulokinase. These proteins play important roles in energy metabolism. [provided by RefSeq, Aug 2009]
Locus ID:	9942
MW:	75.2