

Product datasheet for **SC217236**

Klotho (KL) (NM_004795) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Klotho (KL) (NM_004795) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KL
Synonyms:	HFTC3
ACCN:	NM_004795
Insert Size:	1987 bp



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Insert Sequence: >SC217236 3'UTR clone of NM_004795
 The sequence shown below is from the reference sequence of NM_004795. 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
TCGAAGAAAGGCAGAAGAAGTTACAAATAGTTTCTGAACATTTTTCTATTTCATTTTGAATAATTA
TGACAGACACATCAGCTGTTAACCATTTGCACCTCTAAGTGTGTGAAACTGTAAATTTTCATACATTTGA
CTTCTAGAAAACATTTTTGTGGCTTATGACAGAGGTTTTGAAATGGGCATAGGTGATCGTAAAATATTG
AATAATGCGAATAGTGCCTGAATTTGTTCTTTTTGGGTGATTAATAAACTGACAGGCACTATAATTT
CTGTAACACACTAACAAAAGCATGAAAAATAGGAACCACACCAATGCAACATTTGTGCAGAAATTTGAA
TGACAAGATTAGGAATATTTTCTCTGCACCCACTTCTAAATTTAATGTTTTCTGGAAGTAGTAATTG
CAAGAGTTCGAATAGAAAGTTATGTACCAAGTAACCATTTCTCAGCTGCCATAATAATGCCTAGTGGCT
TCCCTCTGTCAAATCTAGTTTCTATGGAAAAGAAGATGGCAGATACAGGAGAGACGACAGAGGGTCC
TAGGCTGGAATGTTCTTTGAAAGCAATGCTTCTATCAAATACTAGTATTAATTTATGTATCTGGTTA
ATGACATACTTGGAGAGCAAATATGAAATGTGTATTTTATATGATTTTTGAGGTCTGTCTAAACCC
TGTGTCCCTGAGGGATCTGTCTCACTGGCATCTTGTGAGGGCCTTGCACATAGGAACTTTTGATAAG
TATCTGCGGAAAAACAACATGAATCCTGTGATATTGGGCTCTTCAGGAAGCATAAAGCAATTGTGAAA
TACAGTATACCGCAGTGGCTCTAGTGGAGGAAAGGAGGAAAAAGTGCTTATTATGTGCAACATTATGA
TTAATCTGATTATACACATTTTTGAGCAGATCTTGAATGAATGACATGACCTTCCCTAGAGAATAA
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TTCTGTGATCTCTGAGGTCTATTTTATGTTTTGCTGCTACTTCTGTGGAAGTAGCTTTGAACTAGTTT
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TGCCCTTAAATAAGTCTTGCTGATTTTTAGACAGGGAAGTCTCTCTATTACACTGGAGCTGTTTTATA
GATAAGTCAATATTGTATCAGGCAAGATAAACCAATGTCATAACAGGCATTGCCAACCTCACTGACACA
GGGTCAAGTGTATAATAATACTGTACTATATAATATATCATCTTTAGAGGTATGATTTTTTCATGA
AAGATAAGCTTTTGGTAATTTTCAATTTTAAAGTGGACTTATTAATTTGGATGCTAGAGAATCAAGTTT
ATTTTATGTATATTTTTCTGATTATAAGAGTAATATATGTTTCATTGTAATAATTTTTTAAACACAGA
AACTATATGCAAAGAAAAATAAAATTTCTATAATCTCAGAACCAGAAATAGCCACTATTAACATT
TCCACGATTTTTATTTTACATAGATCATATTGTATATAGTTAGTATCTTTATTAATTTTTATTATGAA
ACTTTCCTTTGTCAATTATTAGTCTTCAAAGCATGATTTTTAATAGTTGTTGAGTATTCCACCACAGGA
ATGTATCACACTTAACCGTTCCCGTTTGTAGACTAGTTTCTTATTAATGTTGATGAATGTTGTTTAA
AAATAATTTTGTGCTACATTTACTTTAATTTCCCTTGACTGTAAGAGAAAGTAATTTTGTCTCTTGATA
AAGTATTATTAATAATAAATCTGCCTGCAACTTTTGCCTTCTTTCATAATCA
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCCTTCTATGAAAGG
  
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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.

RefSeq: [NM_004795.4](#)

Summary: This gene encodes a type-I membrane protein that is related to beta-glucosidases. Reduced production of this protein has been observed in patients with chronic renal failure (CRF), and this may be one of the factors underlying the degenerative processes (e.g., arteriosclerosis, osteoporosis, and skin atrophy) seen in CRF. Also, mutations within this protein have been associated with ageing and bone loss. [provided by RefSeq, Jul 2008]

Locus ID: 9365

MW: 77.6