

Product datasheet for SC212172

Kallikrein 7 (KLK7) (NM_005046) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Kallikrein 7 (KLK7) (NM_005046) Human 3' UTR Clone
Symbol:	Kallikrein 7
Synonyms:	hK7; PRSS6; SCCE
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005046
Insert Size:	1098 bp
Insert Sequence:	<p>>SC212172 3'UTR clone of NM_005046</p> <p>The sequence shown below is from the reference sequence of NM_005046. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
ATAAATGACACCATGAAAAAGCATCGTAACGCCACACTGAGTTAATTAAGTGTGTGCTTCCAACAGAA
AATGCACAGGAGTGAGGACGCCGATGACCTATGAAGTCAAATTTGACTTTACCTTTCTCAAAGATATA
TTTAAACCAACCTCATGCCCTGTTGATAAACCAATCAAATTTGGTAAAGACCTAAACCAAAACAAATAA
AGAAACACAAAACCTCAGTGTCTGGAGAAGAGTCAGTGAGACCAGCACTCTAAACACTGGAAGTGGAC
GTTCTGACAGTCTTACGGAAGACACTTGGTCAACGTACACCGAGACCCTTATTCACCACCTTTGACCC
AGTAACCTCTAATCTTAGGAAGAACCTACTGAAACAAAAAAATCCAAAATGTAGAACAAGACTTGAATT
TACCATGATATTATTTATCACAGAAATGAAGTGAACCATCAAACATGTTCCAAAAGTACCAGATGGCT
TAAATAATAGTCTGGCTTGGCACAACGATGTTTTTTTCTTTGAGACAGAGTCTCTGTTGCTTGGGCTG
CAATGCAGTGATGCAATCTTGGCTCACTGCAACCTCCGCCTCCTGGGTTCAAGTGATTCTCGTGCTTCA
GCCTCCCAAGTACCTGGGACTACAGGTGTGCACCACCACACAGGCTAATTTTTTGTGTATTTTACTA
GAGACAGGGTTTACCATGTTGGCCAGCATGGTCTTGAACGCCTGACCTCAGATGATCCACCCACCTTG
GCCTCCCAAAGTGCTGGGATTACAGGCATGAGCCACCAGCCAGCCACAATGATATTACAAACCTAT
TAAAAATGATACTTAGACAGAATTGTCAAGTATTATTCAAGAACATTTAGGCTATAGGATGTTAAATGAC
AAAAGGAAGGACAAAAATATATATGTATGTGACCTACCCATAAAAAATGAAATATTACAGAATCAGA
TCTGAAAACACATGTCCAGACTGCATACTGGGTCGTCATGAGGTGTCTCCTTCCTTCTGTGTACTTT
TCCTTGAATGTGCACTTTTATAACATGAAAAATAAAGGTGGGAAAAAAGTCTGAAGATCTAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI


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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_005046.4
Summary:	This gene encodes a member of the kallikrein subfamily of serine proteases. These enzymes have diverse physiological functions and many kallikrein genes are biomarkers for cancer. The encoded protein has chymotrypsin-like activity and plays a role in the proteolysis of intercellular cohesive structures that precedes desquamation, the shedding of the outermost layer of the epidermis. The encoded protein may play a role in cancer invasion and metastasis, and increased expression of this gene is associated with unfavorable prognosis and progression of several types of cancer. Polymorphisms in this gene may play a role in the development of atopic dermatitis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, which is one of fifteen kallikrein subfamily members located in a gene cluster on chromosome 19. [provided by RefSeq, May 2011]
Locus ID:	5650
MW:	42.1