

Product datasheet for **SC204465**

Enkephalin (PENK) (NM_001135690) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Enkephalin (PENK) (NM_001135690) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PENK
Synonyms:	PE; PENK-A
ACCN:	NM_001135690
Insert Size:	345 bp
Insert Sequence:	>SC204465 3'UTR clone of NM_001135690 The sequence shown below is from the reference sequence of NM_001135690. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCA ACGATCGCC AAAAGATACGGAGGATTTATGAGATTT TA TATCTTTTCCCACTAGTGGCCCCAGGCCCCAGCAAGCCT CCCTCCATCCTCCAGTGGGAAACTGTTGATGGTGTATTGTCATGTGTGCTTGCCTTGATAGTTG ACTTCATTGTCTGATAACTATACAACCTGAAAACCTGTCATTTCCAGTTCTGTGCTCTTTTGGAGTCT TTAAGCTCAGTATTAGTCTATTGCAGCTATCTCGTTTTCATGCTAAAATAGTTTTGTTATCTTGTCTC TTATTTTTGACAAACATCAATAAATGCTTACTTGTATATAGAGATAATAAACCTATTACCCCAAGTGCA ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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).
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:	<u>NM_001135690.3</u>



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Summary:

This gene encodes a preproprotein that is proteolytically processed to generate multiple protein products. These products include the pentapeptide opioids Met-enkephalin and Leu-enkephalin, which are stored in synaptic vesicles, then released into the synapse where they bind to mu- and delta-opioid receptors to modulate the perception of pain. Other non-opioid cleavage products may function in distinct biological activities. [provided by RefSeq, Jul 2015]

Locus ID:

5179

MW:

12.8