

Product datasheet for **SC204463**

Enkephalin (PENK) (NM_006211) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Enkephalin (PENK) (NM_006211) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PENK
Synonyms: enkephalin A; preproenkephalin; proenkephalin
ACCN: NM_006211
Insert Size: 366 bp
Insert Sequence: >SC204463 3'UTR clone of NM_006211

The sequence shown below is from the reference sequence of NM_006211. 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
AAAAGATACGGAGGATTTATGAGATTTTAAATATCTTTTCCCAGTGGCCCCAGGCCCCAGCAAGCCT
CCCTCCATCCTCCAGTGGGAAACTGTTGATGGTGTATTGTCATGTGTGCTTGCCTTGATAGTTG
ACTTCATTGTCTGGATAACTATACAACCTGAAAACCTGTCATTTTCAGGTTCTGTGCTCTTTTGGAGTCT
TTAAGCTCAGTATTAGTCTATTGCACTATCTCGTTTTTCATGCTAAAATAGTTTTGTTATCTTGTCTC
TTATTTTTGACAAACATCAATAAATGCTTACTTGTATATAGAGATAATAAACCTATTACCCCAAGTGCA
TAAAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_006211.3](#)



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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: 13.7