

Product datasheet for SC212210

Prokineticin 2 (PROK2) (NM_021935) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Prokineticin 2 (PROK2) (NM_021935) Human 3' UTR Clone
Symbol:	Prokineticin 2
Synonyms:	BV8; HH4; KAL4; MIT1; PK2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_021935
Insert Size:	1099 bp
Insert Sequence:	>SC212210 3'UTR clone of NM_021935

The sequence shown below is from the reference sequence of NM_021935. 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
AACCGATTTATTTGTTTAGCCCAAAAGTATCGCTCTGGAGTAGAAACCAATGTGAATAGCCACATCT
TACCTGTAAGTCTTACTTGTGATTGTGCCAAACAAAAATGTGCCAGAAAGAAATGCTCTTGCTTCTCT
CAACTTTCCAAGTAACATTTTTATCTTTGATTTGTAATGATTTTTTTTTTTTTTTTATCGAAAGAGAAT
TTTACTTTTGGATAGAAATATGAAGTGAAGGCATTATGGAAGTGTCTTATTTCCCTGTTTGTGTTT
TGGTTTGATTTGGCTTTTTCTTAAATGTCAAAACGTACCCATTTTCACAAAAATGAGGAAAATAAGA
ATTTGATATTTTGTAGAAAACTTTTTTTTTTTTTTCTCACCACCCCAAGCCCCATTTGTGCCCTGCC
ACACAAATACACCTACAGCTTTTGGTCCCTTGCCCTCTCCACCTCAAAGAATTTCAAGGCTCTTACCTT
ACTTTATTTTGTCCATTTCTCTCCCTCCTCTTGCAATTTAAAGTGGAGGGTTTGTCTCTTTGAGTTT
GATGGCAGAATCACTGATGGGAATCCAGCTTTTGTGTCATTTAAATAGTGAAGAGTGTATATGTG
AACTTGACACTCCAACTCCTGTCATGGCACGGAAGCTAGGAGTGTCTGCTGGACCCTTCTAAACCTGT
CACTCAAGAGGACTTCAGCTCTGCTGTTGGGCTGGTGTGTGGACAGAAGGAATGGAAAGCCAAATTAAT
TTAGTCCAGATTTCTAGGTTTGGGTTTTCTAAAAATAAAGATTACATTTACTTCTTTACTTTTTAT
AAAGTTTTTTTCTTAGTCTCCTACTTAGAGATATTCTAGAAAATGTCACTTGAAGAGGAATTTA
TTTTAATCTGGCACAACACTAATTACCATTTTTAAAGCAGTATTAAGTTGAATTTAAACCTTGTGTTG
AACTGAAAGGTCGATTGTAATGGATTGCGGTTTGTACCTGTATCAGTATTGCTGTGTAATAATTCTGTA
TCAGAATAATAACAGTACTGTATATCATTTGATTTATTTAATATTATATCCTTATTTTTGTCA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACC GCCCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul



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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:	<u>NM_021935.4</u>
Summary:	This gene encodes a protein expressed in the suprachiasmatic nucleus (SCN) circadian clock that may function as the output component of the circadian clock. The secreted form of the encoded protein may also serve as a chemoattractant for neuronal precursor cells in the olfactory bulb. Proteins from other vertebrates which are similar to this gene product were isolated based on homology to snake venom and secretions from frog skin, and have been shown to have diverse functions. Mutations in this gene are associated with Kallmann syndrome 4. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Locus ID:	60675
MW:	42.8