

## Product datasheet for **SC214044**

### hnRNP K (HNRNPK) (NM\_002140) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	hnRNP K (HNRNPK) (NM_002140) Human 3' UTR Clone
Symbol:	hnRNP K
Synonyms:	AUKS; CSBP; HNRPK; TUNP
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002140
Insert Size:	1354 bp



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Insert Sequence:	<p>&gt;SC214044 3'UTR clone of NM_002140</p> <p>The sequence shown below is from the reference sequence of NM_002140. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC AAGCAGTATGCAGATGTTGAAGGATTCTAATGCAAGATATTTTTCTTTTTTATAGTGTGAAGCAGTAT TCTGAAAAGTTTTCTAAGACTAGTGAAGAACTGAAGGAGTCTGCATCTTTTTTTTTTATCTGCTTC TGTTTAAAAAGCCAACATTCTCTGCTTCATAGGTGTTCTGCATTGAGGTGTAGTGAAATCTTTGCTG TTCACCAGATGTAATGTTTTAGTTCCTTACAAACAGGGTTGGGGGGGGAAGGGCGTGAAAACTAAC ATTGAAATTTGAAACAGCAGCAGAGTGAAGTGGATTTATTTTTCGTTATTGTTGGTGGTTAAAAAAT TCCCCCATGTAATTATTGTGAACACCTTGCTTTGTGGTCACTGAACATTTGGGGGTGGGACAGGGA GGAAAAGTAACAATAGTCCACATGTCCCTGGCATCTGTTCAAGAGCAGTGTGCAGAATGTAATGCTCTTT TGTAAGAAACGTTTTATGATTTTTAAAAATAAATTTAGTGAACCTATTTTTGGTGGTCATTTTTTTTTTA AGACAGTCATTTTTAAATGGTGGCTGAATTTCCCAACCCACCCCAAACTAAACACTAAGTTTAATTTT CAGCTCCTCTGTTGGACATATAAGTGCATCTCTGTTGGACATAGGCAAAATAACTTGGCAAACTTAGT TCTGGTGATTTCTTGATGGTTTGAAGTCTATTGCTGGGAAGAAATCCATCATACATATTCATGCTTA TAATAAGCTGGGATTTTTGTTTGTGTTTGAAGTCTTGCCTTACTTTCAACAATTTCTATGTT AGTTGTGAAGAACTAAGTGGGAGCAGTACTACAAGTTGAGTAAATGGTATGAGTATATACCAGAATTC TGATTGGCAGCAAGTTTTATTAATCAGAATAACACTTGTTTATGGAAGTGAATGCTGAAAAAATG ATTATTTTATTAGATAATTTCTCACCTATAGACTTAACTGTCAATTTGCTCTAGTGTCTTATTAGTT AACTTTGTAAATATATATACTTGTGTTTCCATTGTATGCAAAATTGAAAGAAAAAGATGACCATT TCTCTGTTGTATGTTGGATTATGTAGGAAATGTTTGTGTACAATTCAAAAAAAAAAAGATGAAAAAG TTCCTGTGGATGTTTGTGTAGTATCTTGGCATTGTATTGATAGTTAAATTCATTCCAAATAAATA AAACACCCATGATGCTAGATTTGATGTGTGCCGATTTGAACAAGGGTTGATTGACACCTGTAAATTT GTTGAAACGTTCTCTTAAAGGAAATATAGTAATCTTATGTA ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	<p>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).</p>
Components:	<p>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.</p>
RefSeq:	<u>NM_002140.5</u>

**Summary:**

This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene is located in the nucleoplasm and has three repeats of KH domains that binds to RNAs. It is distinct among other hnRNP proteins in its binding preference; it binds tenaciously to poly(C). This protein is also thought to have a role during cell cycle progression. Several alternatively spliced transcript variants have been described for this gene, however, not all of them are fully characterized. [provided by RefSeq, Jul 2008]

**Locus ID:**

3190

**MW:**

52.4