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Product datasheet for SC214957

KIST (UHMK1) (NM_175866) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KIST (UHMK1) (NM_175866) Human 3' UTR Clone
Symbol:	KIST
Synonyms:	KIS; KIST; P-CIP2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_175866
Insert Size:	2000 bp

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Insert Sequence:

>SC214957 3'UTR clone of NM_175866
The sequence shown below is from the reference sequence of NM_175866. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGGGGATATCTGTATCAAACCTTGCTTTAATCAGTAACCTAAGGACTGTTTCCTTTTTCTCCTCTTCCA
TTTCTTGGGTTATTCCACATATGAATGCAGGACTACCCCCTTACCATTTTAAGAAGGTACTTTATACAT
TTATTTAATCCTACTAATGTGCAGCCATTGCCCAAGCAGTGACTGCGTTGCATACATTTGGCACTGAGT
AGGACAAGACCTCTCAGCTATACATTGAGGGGTTTTAGAGCATCCATGTGGGCAACCCTTTTTTGTGCG
GGAGAGCAGGTGTTGCTCTTCAGTATGTAGCCTAAAAAAATCTTAATTATTTCATGGATCATGAAGCAA
GGATGAATAATATCATGTCTTGGTAAATACTAACAAATTTGTTAGGTTTGGTGACATCATTTACAGATT
ATTTCTTTATGTTGTCCAGTGGTTCTTCCTTATTGTTGATATCCATAAGCTGGCACTGGATGCTCTCAG
TAATGTTAAGTAATTGTCAAGCAGCAGTTACCTACTGTGTTCTTAACACTGAGTTGTGAATTTTTTCTT
AAAGCAGTACTGTAGTACTGAATATTCCTTTAAAGGAACTGCAGTGAGCCTATCTAAGTTTTTTTAAAT
TAAGGCTTTTAAAATAGAAAGCTGATGCTTGATCTTGCACAATTTTTATGTCTAGTATGTATGCTTGAG
TGAATGTGCGAGTATGAATGATTAGAGAAAATTTGAGTCAGTGTACTTTATAGTGTGAATCCTGTGAGC
TAATACAGTCTATACTTATTTCTTCCCTACCTGTTTCACATCCGTAAGATTTAAGATATACATTTTTTG
AGAGGTAGTCTGTCTGATACAATGTAAATGACAAAACATAATTCCTGAGAGGCCCAGAACAAACTGGAG
TCTAGCCTGGAGTTAAATTGAGACTTCTAAAATGATTGGAACAAAGACTAAGTTGTGCCAGATGTAAAT
CAACCCCTCTTTTAGTTTACTTTAGACTTTGTATTAGCTCATCTTTTTTGTAGTAAATCTATAGTTTTA
AGGTTTCTCAAGATGTGGCTCTACCTACTATGATGAAAATTGAAGTGGGTCAAAAGAATTAGATGTACA
GTGAAGGGAAAAGAAAAAAAATGGGCGAAGAGAGGGTGGAAAATAAAAGGATTCTTTTTTCTTCCTTTC
TGTTTCTCGTATCCCTGCTCCCTTTTTCCTCCCCTTCCCTCATTCTTTGCCTCTATCCTTAGCTGAAGA
CAAACTAGAGGAGCAGCATCCCAGGTAGTTTGGCTTTTGACTGCAAGGTAGTTAAGAAAGGTGTAGATA
TAATGAGGTAGAAGTAGAAAGGAAGAAAAACTCAAAGAATTCTTAAAAGGATTCATAGCAACATAATGT
GTCCCTGAGTAGAGGATGCTGCTATGCGTGAGTTCATGGACACAAGTTGATTACATGGTTTTTAGAATT
ATAATTATGGATTCTTCTTATTTCATGGTAGGTTGTCTTTAAAGATATAAAAATTAGGATGCCTTTATG
AAGCACTGATTATACCAAAAAAAAAAGACAAGTTATATACAGGTTATTAATTTTTTTATTTATTTATTT
TTTCCTAAGGAAAAAGTCTTCTATCTTTCCCTGCTGGAAGCCTCCTCATATTTCCTTATGTTTGCCATG
CAGGTTGCTGAGAGTCCAGTTAGAATTTGCATTTTACAGAATGAAATACTTTACCCCATTCAAACAATT
ATTGTTTGACATTTTAGTTATTTATAATTGTCAAATTCAGGACTCTCCTTTAATGTTTATTATGAAACC
AAATTTGGCATAAGGAGGCTGATTTATGAATTACCAAAGGGTCTTGTGGCATGTTCCCCAATACATGCC
CTTAGAAGGAAGAACTATTATTTTTTATTTTGGCCCTTTCAGGAGTTGATTATAAATTGGTTTGTTTTC
AAGTCAGAATTCAAGTGGGCAGAACCCGTATTGTGAAGACCTAAACTTTCCTAAATGTTCATATGGGT
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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_175866.5

Summary:	The gene encodes a serine/threonine protein kinase that promotes cell cycle progression through G1 by phosphorylation of the cyclin-dependent kinase inhibitor 1B (p27Kip1), which causes nuclear export and degradation. The encoded protein is also thought to function in the adult nervous system and the gene has been associated with schizophrenia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]
Locus ID:	127933
MW:	78.6