

Product datasheet for **SC210836**

ANKRD15 (KANK1) (NM_015158) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ANKRD15 (KANK1) (NM_015158) Human 3' UTR Clone
Symbol:	ANKRD15
Synonyms:	ANKRD15; CPSQ2; KANK
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_015158
Insert Size:	898 bp
Insert Sequence:	>SC210836 3'UTR clone of NM_015158 The sequence shown below is from the reference sequence of NM_015158. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGCCCCACCCACCGAGGTTCAATTTGATTGATTGTATGCAAATAGCCCTTTATTTACATGCCACTATTAA
GCTGCTAATTGTTCTGTTGGGGTGACAGATACTGAATGTATACGTATTGTGCCTGAGCTCACCAGCAA
ACAGAAGCATCAAGCCAGGGGTAAAGGCTGAAGCTTTCACAGTGCAGAGACTGCTAGCCTGGGCACAC
ACACCTCCTTTCTGGCCGTCTTCTGTGTAGGGCACACTTTAACCCAGTCTCTGTTGCTGTTGAGTCTCT
GCTCCGTTTTGTACAGTCACAGGAATTCTGATCTGAAGGGGCACCTTCTGTTCACTCCCAAAAGTGG
TGTCTGTTTCTCACTGAGACGTTTTAAGATTTTTCCACAAATATTTATATGTAATAAATGTGGAACCAT
TAGAAAGTTCTTCCAAAATCTCATTCCAGCATAGTTTTGGATTTTTCTTTGTCTTATTTAAAAAAG
GAAGTCGAGATGACTTTGATCATTGGTAACTTGGGCCTGGGCCAGACAAAGTATAAACTTACAAAAGA
ATATTCTCATTGGTCTTAAGTAGGTAGATGTAATATATGACTTTTTATAAAAGGGTATCTATATGAA
CTTGACACAGTATTTTCAGCTTTTGTATTCCATACTAAAGCCATGAAGAACTACACGTAACATCATCAT
TTGTATTAATTGCACAACTCCAATGCTAAAGGTTGGATTGTGTTAGAGGAATCGGCTCTGTATTTGCCT
CTAGAGAAACACAGTGTCTCTTTGTATTTATGGATTCTTTTTACCGTGTACATTTACTTTGGTCCT
CTATGTATTTAAATGTTTGAAGTGCTTAGACTCTTGCCATATTTTCAAAATAAAATTCATTAAGCTCT
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI


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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_015158.5</u>
Summary:	The protein encoded by this gene belongs to the Kank family of proteins, which contain multiple ankyrin repeat domains. This family member functions in cytoskeleton formation by regulating actin polymerization. This gene is a candidate tumor suppressor for renal cell carcinoma. Mutations in this gene cause cerebral palsy spastic quadriplegic type 2, a central nervous system development disorder. A t(5;9) translocation results in fusion of the platelet-derived growth factor receptor beta gene (PDGFRB) on chromosome 5 with this gene in a myeloproliferative neoplasm featuring severe thrombocythemia. Alternative splicing of this gene results in multiple transcript variants. A related pseudogene has been identified on chromosome 20. [provided by RefSeq, Dec 2014]
Locus ID:	23189
MW:	34.2