

Product datasheet for **SC211829**

ANKRD16 (NM_019046) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ANKRD16 (NM_019046) Human 3' UTR Clone
Symbol: ANKRD16
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_019046
Insert Size: 1139 bp
Insert Sequence: >SC211829 3'UTR clone of NM_019046
The sequence shown below is from the reference sequence of NM_019046. 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
CAGGGCTCTGGCCATAGCGCAATGACATAAGGATGTTCCAAGAGGAGGCAATAAAGTGCATGAGTTGC
TGGGAGCTGAGCACCTTTCGTTTTTCGGCTCAGAGAAAGCCAAGTGAACCTTGCCTCAGTCATCCTGA
ACCTGAGTTCAACCAACCGCAGCCACCTACGTTTGACCCAGCGAGATCAAAGTTGTATATCTGAGGTG
TACCAGTGGTGAAGTCAGTGCCACATCTGCACTGGCCCCAAGGTCAGCTCCCTGGTCTGTCTCCAAA
AATGGTTGCTGATGACATCACCAACATTGACTGGAAGAGTCTGAGGATGATAGTAAAAGTGAACCGCC
ACAGCAGACAGGCCAGATTGAGGTGGTGCCTTCTGCCTCTGCCCTGATCGTCACAACCCTCAGGAACC
ACCGACAGAAAGAAAGAAACACAAAAACATGAAACACAGTGGTAGCACCCTTCTGATGAGATTGTCAA
CATTGCCATAACAGATGCAGCAGCAGTCTTTAGCCAGAGAATCTCTGGAACCATTAAGAATTCTGGG
GGCCGGTTGCGGTGGCTCATGCCTGTAATCCCAGCACTTTGGGAGGCCGAGGCGGGAGGATCATGAGGT
CAGGAGATCGAGACCATCCTGGTAACGTGGTGAACCCCGTCTTACTAAAAATACAAAAAATTAG
CCAGGCATGGTGGTGGGCGCCTGTAGTCCAGCTACTCAGGAGGCTGAGGCAGGAGAATGCTGTGAACC
CTGGAGGCAGAGCTTGCAGTGAGCCGAATATGCGCCACTGCACTCCAGCCTGGGCAACAGAGCAAGACT
CCGTCTCCAAAAAAAAAAAAAAAAAAGAATTCCTGGGGCCTGCCAGTCTGTGAGCTGCCATGTTG
ATAGTATCACAGATGATACCAACAGTGAAGCTGTGGAATGCCAGCTAGTTAAAGATGCAAGGAAAA
TATTTTCAAAAGGGTTATCTGATAACCAAAAAAAAAAAGACATTTTCATCTAAGCCACTTAACCCGT
GTCTGATGTGTAGTAAATAATAATGTCAATGATTCTCAAAGAACCAGGAATAGAAAAAGCATTTAAT
AAAAATTAGTCTTGGCATAATCTTTCATCCACA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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_019046.3</u>
Summary:	Required to prevent the misactivation of serine (Ser) with tRNA(Ala) by promoting the hydrolysis of Ser-mischarged tRNA(Ala), thereby playing a role in translational fidelity. Binds directly to the catalytic domain of AARS/AlaRS and captures Ser that is misactivated by AARS/AlaRS, preventing the charging of Ser adenylates to tRNA(Ala) and precluding Ser misincorporation in nascent peptides.[UniProtKB/Swiss-Prot Function]
Locus ID:	54522
MW:	42.2