

Product datasheet for **SC207458**

ANKRD32 (SLF1) (NM_032290) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ANKRD32 (SLF1) (NM_032290) Human 3' UTR Clone
Symbol:	ANKRD32
Synonyms:	ANKRD32; BRCTD1; BRCTx
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_032290
Insert Size:	2000 bp



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Insert Sequence: >SC207458 3'UTR clone of NM_032290
 The sequence shown below is from the reference sequence of NM_032290. 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
ATGTGTCGGTCAGTCATGGAGTTTTCAATGATGATGCTAGAAAGTATGGATTGACTTTCTAAATCTGTTC
AGTTTGCATTGGTACTTACTGTGGACTTCATAGCTTACTGACAGATAGTAATTTGATTTATTTATTGAC
AGACTTTGCAGCCTTGCTAAATTTAAAAGCATTTTAAAAAACTTCTACAAAACCTAGTATGGGCT
TCTGACTTTTTCCAGGTGTAGAATTTGACTCAAAAGTAAAAATAATTTTGTGTTTAGTATATTCTACTT
TCATTAATGTTTTTTTGTCTGAAAGTGATATTATATTGTACATGTAATAATTTAAATATTTTTTC
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TATGCAGAGTCTGACAGTTCAATTCCTTGATCTGTTTTATTTTAGCAATTCATATACAAAATGTATCTG
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GCAATACACTTTCAGTTTTATTTTGGAAATAGATATTTTAAACAAGATACAAATGCTCAGTATCATATTAC
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CTTGTAAGGTGTCTGGGATAGTGTGCTTGGTAACTAATAAACTTGTAACATAGGCTTTGACA
TCATACACATTTTCAAATCCTTGCTAGTTTCTAATAACTAAATGCAAGGCAAATTTCTTTCTGAGC
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TCAATTTAGACAAAAGGCAATATAGTAATTGTTTAAAGTTGGTAGTAATTCTAAGGTAAATAAGGAATCAA
CATCATGAGTTAGGGTTTTATACTGTTAGTACAAAGTAGTTTTTCAAATTAGATGTTTCATAACGTATAT
TTGTTTAAATTGCAATTAGCATTAAATTTTATAATTGACTGCTCTGTCTGCCAATTCTACAAGCAGTG
ATGACATGAAGTGTGAAACAGATGTCACTGAGGTCTCTGCCTTTAAGAAGTTTTACACTTCTTCGAAAG
TCCAACGTGGCAAACATAGGTTACTGTGTTCTGTGCCCTGGCTAACAATACCAAGTATATGAGTATGAA
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_032290.4](#)

Summary: Plays a role in the DNA damage response (DDR) pathway by regulating postreplication repair of UV-damaged DNA and genomic stability maintenance (PubMed:25931565). The SLF1-SLF2 complex acts to link RAD18 with the SMC5-SMC6 complex at replication-coupled interstrand cross-links (ICL) and DNA double-strand breaks (DSBs) sites on chromatin during DNA repair in response to stalled replication forks (PubMed:25931565). Promotes the recruitment of SLF2 and the SMC5-SMC6 complex to DNA lesions (PubMed:25931565).[UniProtKB/Swiss-Prot Function]

Locus ID: 84250

MW: 78.3