Product datasheet for SC209334

CIRBP (NM_001280) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CIRBP (NM_001280) Human 3' UTR Clone
Symbol:	CIRBP
Synonyms:	CIRP
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001280
Insert Size:	759 bp
Insert Sequence:	>SC209334 3'UTR clone of NM_001280 The sequence shown below is from the reference sequence of NM_001280. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TATGACAGTTACGCTACACACAACGAGTAAAAACCCTTCCTGCTCAAGATCGTCCTTCCAATGGCTGTG TGTTTAAAGATTGTGGGAGCTTCGCTGAACGTTAATGTGTAGTAAATGCACCTCCTTGTATTCCCACTT TCGTAGTCATTTCGGTTCTGATCTTGTCAAACCCAGCCTGACCGCTTCTGACGCCGGGATGGCCTCGTT ACTAGACTTTTCTTTTTAAGGAAGTGCTGTTTTTTTTTTGAGGGTTTTCAAAACATTTTGAAAAGCATTT ACTTTTTTGACCACGAGCCATGAGTTTTCAAAAAAATCGGGGGTTGTGTGGGTTTTTGGTTTTTGTTTT AGTTTTTGGTTGCGTTGCCTTTTTTTTTTTTAGTGGGGTTGGCCCCATGAAGTGGGTGCCCCACTCACTT CTCTGAGATCGAACGGACTGTGAATCCGCTCTTTGTCGGAAGCTGAGCAAGCTGTGGCTTTTTTCCAAC TCCGTGTGACGTTTCTGAGTGTAGTGTGGTAGGACCCCGGCGGGTGTGGCAGCAACTGCCCTGGAGCCC CAGCCCCTGCGTCCATCTGTGCTGTGCGCCCCACAGTAGACGTGCAGACGTCCCTGAGAGGTTCTTGAA GATGTTTATTTATATTGTCCTTTTTTACTGGAAGACGTACGCATACTCCATCGATGTTGTATTTGCAGT GGCTGAGGAATTCTTGTACGCAGTTTTCTTTGGCTTTACGAAGCCGATTAAAAGACCGTGTGAAATGAA 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).

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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_001280.3
Summary:	Cold-inducible mRNA binding protein that plays a protective role in the genotoxic stress response by stabilizing transcripts of genes involved in cell survival. Acts as a translational activator. Seems to play an essential role in cold-induced suppression of cell proliferation. Binds specifically to the 3'-untranslated regions (3' UTRs) of stress-responsive transcripts RPA2 and TXN. Acts as a translational repressor (By similarity). Promotes assembly of stress granules (SGs), when overexpressed.[UniProtKB/Swiss-Prot Function]
Locus ID:	1153
MW:	29.3