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Product datasheet for RN206980

Syncrip (NM_001047916) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Syncrip (NM_001047916) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Syncrip
Synonyms:	Ab2-339; hnRNP Q
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

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Fully Sequenced ORF:

>RN206980 representing NM_001047916
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTACAGAACATGTTAATGGAAATGGTACTGAAGAGCCCATGGATACTACTTCAGCAGTTATCCATT
CAGAAAATTTTCAGACATTGCTTGATGCTGGTTTACCACAGAAAGTTGCTGAAAAACTAGATGAAATTTA
CGTTGCAGGTCAGAGGAAGTATGGGGGGCCACCTCCAGATTCTGTTTATTCAGGTCAGCAGCCTTCTGTT
GGCACTGAGATATTTGTGGGGAAGATCCCCAGAGATCTGTTTGAAGATGAGCTTGTTCCATTGTTTGAGA
AAGCTGGACCTATATGGGATCTTCGTTTAATGATGGATCCACTTACTGGTCTCAACAGAGGTTATGCCTT
TGTCACTTTTTGTACAAAAGAAGCAGCACAAGAGGCTGTTAAACTGTATAATAATCATGAAATTCGTTCC
GGGAAACATATTGGTGTCTGCATCTCAGTTGCCAACAATAGGCTTTTTGTGGGCTCTATTCCTAAGAGTA
AAACCAAGGAACAGATTCTTGAAGAATTTAGTAAAGTGACAGAGGGTCTCACAGATGTCATTTTATACCA
CCAACCTGATGACAAGAAAAAAAACAGAGGCTTTTGCTTTCTTGAATATGAAGATCATAAAACAGCTGCC
CAGGCAAGGCGTAGGCTAATGAGTGGTAAAGTTAAAGTCTGGGGAAATGTTGGAACTGTTGAATGGGCTG
ATCCTATTGAAGATCCTGATCCTGAAGTTATGGCAAAGGTAAAAGTGCTGTTTGTACGCAACCTTGCCAA
CACTGTAACAGAAGAAATTTTAGAAAAGTCGTTTAGTCAGTTTGGGAAACTGGAACGAGTGAAGAAGCTA
AAAGATTATGCTTTCATTCATTTTGATGAGAGAGATGGTGCTGTCAAGGCTATGGAAGAAATGAATGGTA
AAGACTTGGAGGGAGAAAACATTGAAATTGTTTTTGCTAAGCCACCAGATCAGAAGAGGAAAGAAAGAAA
AGCTCAGAGGCAAGCAGCAAAGAATCAAATGTATGATGATTACTACTATTATGGTCCACCTCATATGCCC
CCTCCAACAAGAGGTCGAGGGCGTGGAGGTAGAGGTGGCTATGGATATCCTCCAGATTATTATGGATACG
AAGATTATTATGATTATTATGGTTATGATTACCATAACTATCGTGGTGGATATGAAGATCCATATTATGG
TTATGAAGATTTTCAAGTTGGAGCTAGAGGAAGGGGTGGTAGAGGAGCAAGGGGTGCTGCTCCATCCAGA
GGTCGCGGGGCTGCTCCTCCCCGTGGTAGAGCCGGTTATTCACAGAGAGGAGGCCCTGGATCAGCAAGAG
GCGTTCGTGGTGCGAGAGGAGGTGCCCAACAACAAAGAGGCCGCGGGGTACGTGGTGCAAGGGGTGGCCG
CGGTGGAAATGTAGGAGGAAAGCGCAAAGCTGATGGGTACAACCAGCCAGATTCCAAGCGGCGCCAGACC
AATAATCAGAACTGGGGCTCCCAACCCATTGCTCAGCAACCGCTCCAAGGTGGTGATCATTCTGGTAACT
ATGGTTACAAATCTGAAAACGAGGAGTTTTATCAGGATACTTTTGGGCAACAGTGGAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001047916

Insert Size: 1602 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001047916.2, NP_001041381.1
RefSeq Size:	1644 bp
RefSeq ORF:	1602 bp
Locus ID:	363113
UniProt ID:	Q7TP47
Cytogenetics:	8q31
Gene Summary:	Heterogenous nuclear ribonucleoprotein (hnRNP) implicated in mRNA processing mechanisms. Component of the CRD-mediated complex that promotes MYC mRNA stability. Is associated in vitro with pre-mRNA, splicing intermediates and mature mRNA protein complexes. Binds to apoB mRNA AU-rich sequences. Part of the APOB mRNA editosome complex and may modulate the postranscriptional C to U RNA-editing of the APOB mRNA through either by binding to A1CF (APOBEC1 complementation factor), to APOBEC1 or to RNA itself. May be involved in translationally coupled mRNA turnover. Implicated with other RNA-binding proteins in the cytoplasmic deadenylation/translational and decay interplay of the FOS mRNA mediated by the major coding-region determinant of instability (mCRD) domain. Interacts in vitro preferentially with poly(A) and poly(U) RNA sequences. May be involved in cytoplasmic vesicle-based mRNA transport through interaction with synaptotagmins (By similarity).[UniProtKB/Swiss-Prot Function]