

Product datasheet for **SC327093**

hnRNP Q (SYNCRIP) (NM_001159677) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	hnRNP Q (SYNCRIP) (NM_001159677) Human Untagged Clone
Tag:	Tag Free
Symbol:	SYNCRIP
Synonyms:	GRY-RBP; GRYRBP; hnRNP-Q; HNRNPQ; HNRPQ1; NSAP1; PP68
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



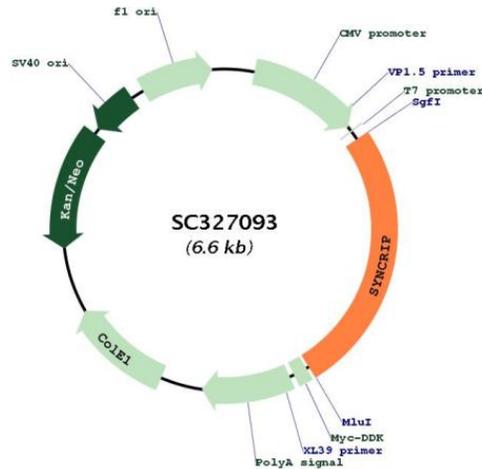
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Fully Sequenced ORF: >SC327093 representing NM_001159677.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGGTACAGAACATGTTAATGGAATGGTACTGAAGAGCCCATGGATACTACTTCTGCAGTTATCCAT
TCAGAAAATTTTCAGACATTGCTTGATGCTGGTTTACCACAGAAAGTTGCTGAAAACTAGATGAAATT
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GGGGTCGAGGCCGTCCTGACCTGTTACAATGA
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TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001159677

Insert Size: 1689 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001159677.1](#)

RefSeq Size: 7337 bp

RefSeq ORF: 1689 bp

Locus ID: 10492

UniProt ID: [O60506](#)

Cytogenetics: 6q14.3

Protein Families: Stem cell - Pluripotency

MW: 62.7 kDa

Gene Summary: This gene encodes a member of the cellular heterogeneous nuclear ribonucleoprotein (hnRNP) family. hnRNPs are RNA binding proteins that complex with heterogeneous nuclear RNA (hnRNA) and regulate alternative splicing, polyadenylation, and other aspects of mRNA metabolism and transport. The encoded protein plays a role in multiple aspects of mRNA maturation and is associated with several multiprotein complexes including the apoB RNA editing-complex and survival of motor neurons (SMN) complex. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the short arm of chromosome 20. [provided by RefSeq, Dec 2011]

Transcript Variant: This variant (6) differs in the 3' UTR and coding region compared to variant 1. The resulting isoform (6) is shorter and has a distinct C-terminus, compared to isoform 1.