

Product datasheet for **SC327090**

hnRNP Q (SYNCRIP) (NM_001159676) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	hnRNP Q
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)



Fully Sequenced ORF:

>SC327090 representing NM_001159676.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTACAGAACATGTTAATGGAATGGTACTGAAGAGCCCATGGATACTACTCTGCAGTTATCCAT
TCAGAAAAATTTTCAGACATTGCTTGATGCTGGTTACACAGAAAGTTGCTGAAAACTAGATGAAATT
TACGTTGCAGGGCTAGTTGCACATAGTGATTTAGATGAAAGAGCTATTGAAGCTTTAAAGAATTCAT
GAAGACGGTGCAATTGGCAGTTCTTCAACAGTTTAAAGACAGTGATCTCTCATGTTTCAGAACAAAAAGT
GCCTTTTTATGTGGAGTCATGAAGACTTACAGGCAGAGAGAAAAACAAGGGACCAAGTAGCAGATTCT
AGTAAAGGACCAGATGAGGCAAAAAATTAAGGCACTCTTGGAAAGAACAGGCTACACACTTGTGTGACC
ACTGGACAGAGGAAGTATGGAGGACCACCTCCAGATTCCGTTTATTCAGGTCAGCAGCCTTCTGTTGGC
ACTGAGATATTTGTGGAAAGATCCCAAGAGATCTATTTGAGGATGAACTTGTTCATTATTTGAGAAA
GCTGGACCTATATGGGATCTTCGTCTAATGATGGATCCACTCACTGGTCTCAATAGAGGTTATGCGTTT
GTCACTTTTGTACAAAAGAAGCAGCTCAGGAGGCTGTTAACTGTATAATAATCATGAAATTCGTTCT
GGAAAACATATTGGTGTCTGCATCTCAGTTGCCAACATAGGCTTTTTGTGGGCTCTATTCTTAAGAGT
AAAACCAAGGAACAGATTCTTGAAGAATTTAGCAAAGTAACAGAGGGTCTTACAGACGTCATTTTATAC
CACCACCGGATGACAAGAAAAAACAGAGGCTTTTGCTTTCTTGAATATGAAGTACAAAAACAGCT
GCCCAGGCAAGGCTAGGTTAATGAGTGGTAAAGTCAAGGTCTGGGGGAATGTTGGAAGTGTGAATGG
GCTGATCCTATAGAAGATCCTGATCCTGAGGTTATGGCAAAGGTAAAAGTGTGTTTGTACGCAACCTT
GCCAATACTGTAACAGAAGAGATTTTAGAAAAGGCATTTAGTCAGTTTGGGAACTGGAACGAGTGAAG
AAGTTAAAAGATTATGCGTTTATTCATTTTGTGAGCGAGATGGTGTCTCAAGGCTATGGAAGAAATG
AATGGCAAAGACTTGGAGGGAGAAAAATTTGAAATTGTTTTGCCAAGCCACCAGATCAGAAAAGGAAA
GAAAGAAAAGCTCAGAGGCAAGCAGCAAAAAATCAATGTATGACGATTACTACTATTATGGTCCACCT
CATATGCCCTCCAAACAGAGGTCGAGGGCGTGGAGGTAGAGGTGTTATGGATATCCTCCAGATTAT
TATGGATATGAAGATTATTATGATTATTATGGTTATGATTACCATAACTATCGTGGTGGATATGAAGAT
CCATACTATGGTTATGAAGATTTTCAAGTTGGAGCTAGAGGAAGGGTGGTAGAGGACCAAGGGGTGCT
GCTCCATCCAGAGGTCTGTTGGGCTGCTCCTCCCGCGGTAGAGCCGTTATTCACAGAGAGGAGGTCTT
GGATCAGCAAGAGGCGTTCGAGGTGCGAGAGGAGGTGCCCAACAACAAAGAGGCCGCGGGGAAAAAGGG
GTCGAGGCCGCTCTGACCTGTTACAATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCCCGGC
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Restriction Sites:

SgfI-MluI

ACCN:

NM_001159676

Insert Size:

1686 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001159676.1</u>
RefSeq Size:	6805 bp
RefSeq ORF:	1686 bp
Locus ID:	10492
UniProt ID:	<u>O60506</u>
Cytogenetics:	6q14.3
Protein Families:	Stem cell - Pluripotency
MW:	62.5 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 (5) differs in the 5' UTR, 3' UTR, and coding region compared to variant 1. The resulting isoform (5) is shorter and has a distinct C-terminus, compared to isoform 1.