

# **Product datasheet for RC217902L3**

#### OriGene Technologies, Inc.

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## hnRNP Q (SYNCRIP) (NM\_006372) Human Tagged Lenti ORF Clone

### **Product data:**

**Product Type:** Expression Plasmids

Product Name: hnRNP Q (SYNCRIP) (NM\_006372) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: hnRNP Q

Synonyms: GRY-RBP; GRYRBP; hnRNP-Q; HNRNPQ; HNRPQ1; NSAP1; PP68

Mammalian Cell Puromycin

Selection:

**Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)

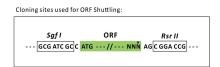
E. coli Selection: Chloramphenicol (34 ug/mL)

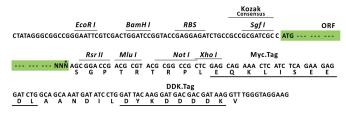
**ORF Nucleotide** The ORF insert of this clone is exactly the same as(RC217902).

Sequence:

**Restriction Sites:** Sgfl-Rsrll

**Cloning Scheme:** 





st The last codon before the Stop codon of the ORF.

**ACCN:** NM\_006372

ORF Size: 1869 bp



### hnRNP Q (SYNCRIP) (NM\_006372) Human Tagged Lenti ORF Clone - RC217902L3

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

**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:** <u>NM 006372.3</u>

 RefSeq Size:
 2932 bp

 RefSeq ORF:
 1872 bp

 Locus ID:
 10492

 UniProt ID:
 060506

Cytogenetics: 6q14.3 Domains: RRM

**Protein Families:** Stem cell - Pluripotency

**MW:** 69.4 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]