

Product datasheet for **RC202788L4V**

HNRNPC (NM_001077442) Human Tagged ORF Clone Lentiviral Particle

Product data:

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| Product Type: | Lentiviral Particles |
| Product Name: | HNRNPC (NM_001077442) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | HNRNPC |
| Synonyms: | C1; C2; HNRNP; HNRPC; SNRPC |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001077442 |
| ORF Size: | 918 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC202788). |
| 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. |
| RefSeq: | NM_001077442.1 , NP_001070910.1 |
| RefSeq Size: | 3226 bp |
| RefSeq ORF: | 921 bp |
| Locus ID: | 3183 |
| UniProt ID: | P07910 |
| Cytogenetics: | 14q11.2 |
| Protein Pathways: | Spliceosome |
| MW: | 33.6 kDa |



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Gene Summary:

This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene can act as a tetramer and is involved in the assembly of 40S hnRNP particles. Multiple transcript variants encoding at least two different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]