

Product datasheet for **RC219023L2V**

hnRNP K (HNRNPK) (NM_031263) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | hnRNP K (HNRNPK) (NM_031263) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | hnRNP K |
| Synonyms: | AUKS; CSBP; HNRPK; TUNP |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_031263 |
| ORF Size: | 1392 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC219023). |
| 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_031263.1 |
| RefSeq Size: | 2960 bp |
| RefSeq ORF: | 1395 bp |
| Locus ID: | 3190 |
| UniProt ID: | P61978 |
| Cytogenetics: | 9q21.32 |
| Domains: | KH |
| Protein Pathways: | Spliceosome |



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MW: 51 kDa

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 is located in the nucleoplasm and has three repeats of KH domains that binds to RNAs. It is distinct among other hnRNP proteins in its binding preference; it binds tenaciously to poly(C). This protein is also thought to have a role during cell cycle progression. Several alternatively spliced transcript variants have been described for this gene, however, not all of them are fully characterized. [provided by RefSeq, Jul 2008]