

Product datasheet for **RC212592L3V**

CDK8 (NM_001260) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | CDK8 (NM_001260) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | CDK8 |
| Synonyms: | IDDHBA; K35 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_001260 |
| ORF Size: | 1389 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC212592). |
| 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_001260.1 |
| RefSeq Size: | 1772 bp |
| RefSeq ORF: | 1395 bp |
| Locus ID: | 1024 |
| UniProt ID: | P49336 |
| Cytogenetics: | 13q12.13 |
| Domains: | pkinese, TyrKc, S_TKc |
| Protein Families: | Druggable Genome, Protein Kinase, Transcription Factors |



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MW: 53.1 kDa

Gene Summary: This gene encodes a member of the cyclin-dependent protein kinase (CDK) family. CDK family members are known to be important regulators of cell cycle progression. This kinase and its regulatory subunit, cyclin C, are components of the Mediator transcriptional regulatory complex, involved in both transcriptional activation and repression by phosphorylation of the carboxy-terminal domain of the largest subunit of RNA polymerase II. This kinase regulates transcription by targeting the cyclin-dependent kinase 7 subunits of the general transcription initiation factor IIH, thus providing a link between the Mediator complex and the basal transcription machinery. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2016]