

## Product datasheet for **RC216755L1V**

### CHD3 (NM\_001005273) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CHD3 (NM_001005273) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CHD3
Synonyms:	Mi-2a; Mi2-ALPHA; SNIBCPS; ZFH
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_001005273
ORF Size:	6000 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216755).
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. <a href="#">More info</a>
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:	<a href="#">NM_001005273.1</a>
RefSeq Size:	6831 bp
RefSeq ORF:	6003 bp
Locus ID:	1107
UniProt ID:	<a href="#">Q12873</a>
Cytogenetics:	17p13.1
Protein Families:	Druggable Genome
MW:	226.4 kDa



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**Gene Summary:**

This gene encodes a member of the CHD family of proteins which are characterized by the presence of chromo (chromatin organization modifier) domains and SNF2-related helicase/ATPase domains. This protein is one of the components of a histone deacetylase complex referred to as the Mi-2/NuRD complex which participates in the remodeling of chromatin by deacetylating histones. Chromatin remodeling is essential for many processes including transcription. Autoantibodies against this protein are found in a subset of patients with dermatomyositis. Three alternatively spliced transcripts encoding different isoforms have been described. [provided by RefSeq, Jul 2008]