

Product datasheet for **RC224232L1V**

CHD4 (NM_001273) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CHD4 (NM_001273) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CHD4
Synonyms:	CHD-4; Mi-2b; Mi2-BETA; SIHIWES
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_001273
ORF Size:	5736 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224232).
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_001273.2
RefSeq Size:	6511 bp
RefSeq ORF:	5739 bp
Locus ID:	1108
UniProt ID:	Q14839
Cytogenetics:	12p13.31
Domains:	SNF2_N, CHROMO, DEAD, helicase_C, PHD
Protein Families:	Druggable Genome, Transcription Factors



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MW: 217.8 kDa

Gene Summary: The product of this gene belongs to the SNF2/RAD54 helicase family. It represents the main component of the nucleosome remodeling and deacetylase complex and plays an important role in epigenetic transcriptional repression. Patients with dermatomyositis develop antibodies against this protein. Somatic mutations in this gene are associated with serous endometrial tumors. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2014]