

Product datasheet for **RC230753L1V**

CHD8 (NM_001170629) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CHD8 (NM_001170629) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CHD8
Synonyms:	AUTS18; HELSNF1
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_001170629
ORF Size:	7743 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230753).
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_001170629.1
RefSeq ORF:	7746 bp
Locus ID:	57680
UniProt ID:	Q9HCK8
Cytogenetics:	14q11.2
Protein Pathways:	Wnt signaling pathway
MW:	291 kDa



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Gene Summary:

This gene encodes a member of the chromodomain-helicase-DNA binding protein family, which is characterized by a SNF2-like domain and two chromatin organization modifier domains. The encoded protein also contains brahma and kismet domains, which are common to the subfamily of chromodomain-helicase-DNA binding proteins to which this protein belongs. This gene has been shown to function in several processes that include transcriptional regulation, epigenetic remodeling, promotion of cell proliferation, and regulation of RNA synthesis. Allelic variants of this gene are associated with autism spectrum disorder. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2016]