

## Product datasheet for MC225424

### Chd9 (NM\_177224) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Chd9 (NM_177224) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Chd9
Synonyms:	1810014J18Rik; 9030205D12Rik; A330063D19Rik; AD013; mKIAA0308; PRIC320
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225424 representing NM_177224 Red=Cloning site Blue=ORF Orange=Stop codon

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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_177224
<b>Insert Size:</b>	8610 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_177224.2</a></u> , <u><a href="#">NP_796198.1</a></u>
<b>RefSeq Size:</b>	11517 bp
<b>RefSeq ORF:</b>	8610 bp
<b>Locus ID:</b>	109151
<b>UniProt ID:</b>	<u><a href="#">Q8BYH8</a></u>
<b>Cytogenetics:</b>	8 C4
<b>Gene Summary:</b>	<p>Acts as a transcriptional coactivator for PPARA and possibly other nuclear receptors. Proposed to be a ATP-dependent chromatin remodeling protein. Has DNA-dependent ATPase activity and binds to A/T-rich DNA (By similarity). Associates with A/T-rich regulatory regions in promoters of genes that participate in the differentiation of progenitors during osteogenesis.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and uses an alternate in-frame splice site in the 3' coding region compared to variant 1. It encodes isoform 2, which is shorter than isoform 1.</p>