

Product datasheet for MC225395

Chd6 (NM_173368) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chd6 (NM_173368) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Chd6
Synonyms:	5430439G14Rik; 6330406J24Rik; CHD-6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225395 representing NM_173368 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

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 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_173368
Insert Size: 8136 bp

OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>NM_173368.3, NP_775544.2</u>
RefSeq Size:	10579 bp
RefSeq ORF:	8136 bp
Locus ID:	71389
UniProt ID:	<u>A3KFM7</u>
Cytogenetics:	2 H2
Gene Summary:	<p>This gene encodes a member of the chromodomain/helicase/DNA-binding domain family of chromatin remodeling enzymes. This protein has been found to be specifically involved in transcription initiation and elongation. Homozygous knockout mice exhibit impaired motor coordination. A pseudogene has been identified on chromosome 8. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Nov 2014]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. This variant encodes the protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>