

Product datasheet for MC229764

Chd7 (NM_001277149) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chd7 (NM_001277149) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Chd7
Synonyms:	A730019I05Rik; Cy; Cyc; Cycn; Cyn; Dz; Edy; F; Flo; GENA 47; Gena 52; GENA 60; L; Lda; metis; Mt; Ob; Obt; To; Todo; WBE1; Wh; Whi
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC229764 representing NM_001277149 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGACCCAGGGATGATGAGTCTTTTTGGCGAGGATGGGAGTCTGTTTCAGCGAAGGCCTCGAAGGCC
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ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
TTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-NotI
ACCN:	NM_001277149
Insert Size:	8961 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	NM_001277149.1 , NP_001264078.1
RefSeq Size:	11306 bp
RefSeq ORF:	8961 bp
Locus ID:	320790
UniProt ID:	A2AJK6
Cytogenetics:	4 3.68 cM
Gene Summary:	This gene encodes a protein containing two chromodomains and an ATP-binding helicase domain that functions as a regulator of transcription. Mutations in this gene result in an array of development defects, including inner ear problems. Mice defective for this gene exhibit many of the clinical features of the CHARGE syndrome caused by mutations in the homologous gene in human. [provided by RefSeq, Sep 2015]