

Product datasheet for MR212098

Chd4 (NM_145979) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chd4 (NM_145979) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Chd4
Synonyms:	9530019N15Rik; AA617397; BC005710; D6Ertd380e; Mi-2beta; mKIAA4075
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR212098 representing NM_145979 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

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Protein Sequence:

>MR212098 representing NM_145979
 Red=Cloning site Green=Tags(s)

MASGLGSPSPCSAGSEEDMDALLNNSLPPHPENEDPDEDLSEAETPKLKKKKPKKPRDPKIPKSKR
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 FADGVPREGLSRQHVLTRIGVMSLIRKKVQEFVHNGRWSMPELAEVEENKMSQPGSPSPKTPPTSTPG
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 RWQDIQNDPRYAILNEPFKGMNRGNFLEIKNKFLARRFKLLEQALVIEEQLRRAAYLNMSDPSHPSMA
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 SERNILSRLANRAPEPPPQVAQQQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9034_a12.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_145979

ORF Size: 5745 bp

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.

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:

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_145979.2](#), [NP_666091.1](#)

RefSeq Size: 6438 bp

RefSeq ORF: 5748 bp

Locus ID: 107932

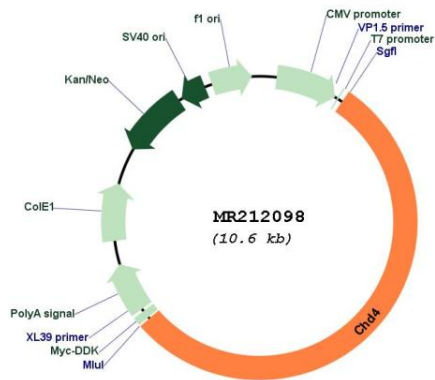
UniProt ID: [Q6PDQ2](#)

Cytogenetics: 6 59.28 cM

MW: 218.2 kDa

Gene Summary: Component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin by deacetylating histones.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR212098