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Product datasheet for MR221314

Pcdha3 (NM_138662) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Pcdha3
Synonyms:	mKIAA0345
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

ORF Nucleotide Sequence:

>MR221314 representing NM_138662
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

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GGCGGAGCGCGGAGTGTAGCATCCACCTGGAGGTGATCGTGGACAGGCCGCTGCAGGTTTTCCACGTGGA
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Protein Sequence:

>MR221314 representing NM_138662
Red=Cloning site Green=Tags(s)

MVFSQREDRHLLLWLLLFAAWEAGSGQLHYSVPEEAKHGTFVGRIAQDLGLELAELVPRLFRVASKDRGD
LLEVNLQNGILFVNSRIDREELCGRSAECSIHLEVIVDRPLQVFHVEVEVRDINDNPPVFPVATKNLFIY
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AVDGGKPELTGTTQVKITVLDVNDNAPAFEKTFYKVRLPENAPNGTVVVDVDASDLDEGVNKDIVYSFHQ
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TLLGPHAGSAVSELVSRTVGAGHVVTKVRAVDADSGYNAWLSYELQSAAGSGRLPFRVGLYTGEISTTRV
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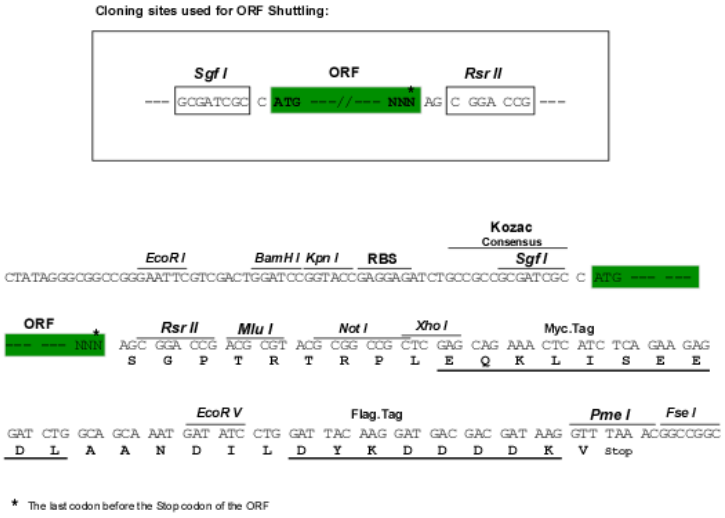
SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9002_h12.zip

Restriction Sites: SgfI-RsrII

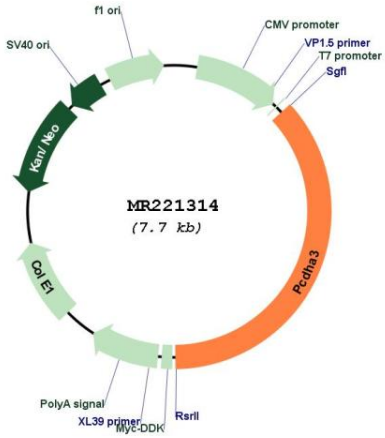
Cloning Scheme:



ACCN: NM_138662

ORF Size:	2826 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_138662.2
RefSeq Size:	5230 bp
RefSeq ORF:	2829 bp
Locus ID:	192163
Cytogenetics:	18 B2-B3
MW:	102.7 kDa

Product images:



Circular map for MR221314