

Product datasheet for RC226952

C17orf49 (NM_001142798) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C17orf49 (NM_001142798) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C17orf49
Synonyms:	BAP18; HEPIS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC226952 representing NM_001142798 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGACGTCAGCGTCCACAAAGGTCGGAGAGATCTTCTCGGCGGCCGGCCGCCTTCACGAAGCTCGGGG
 AGCTGACGATGCAGCTGCATCCCGTGGCCGACTCTTCTCCTGCGGGTGCGAAGTGAGCGGAGACGGAAAT
 AGAGATGCTGAGGGCTGCTGTGAAGCGATTGGGGACGATCTTAATCACATCAGCTGTGTCATCAAGGAA
 CGGACAGTGGCCAGATAAAGGCCACTGTGAAACGCAAGGTATATGAAGATTCTGGCATCCCCCTCCAG
 CTGAGTACCCAAAGAAAGGGCCCAAGAAGGTGGCATCTGGTGTCTGTACCTCCTCCAGCTGCCCTCC
 TCCAGCAGCTCCAGTGTCCCTGAGGCCGGGGTCCCCCATAAAGAAACAGAAGGCTGATGTGACACTC
 AGTGCTCTGAACGACTCCGATGCCAACAGTGACGTGGTGGATATTGAAGGCTAGGAGAACTCCTCCAG
 CTAAGAACTCAACTTCGACCAGGACAGCCTGACCCTGGATTCTGGCCTTCTCATGACCTGCTGATCC
 TCCTCTCTCTCTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC226952 representing NM_001142798 Red=Cloning site Green=Tags(s)
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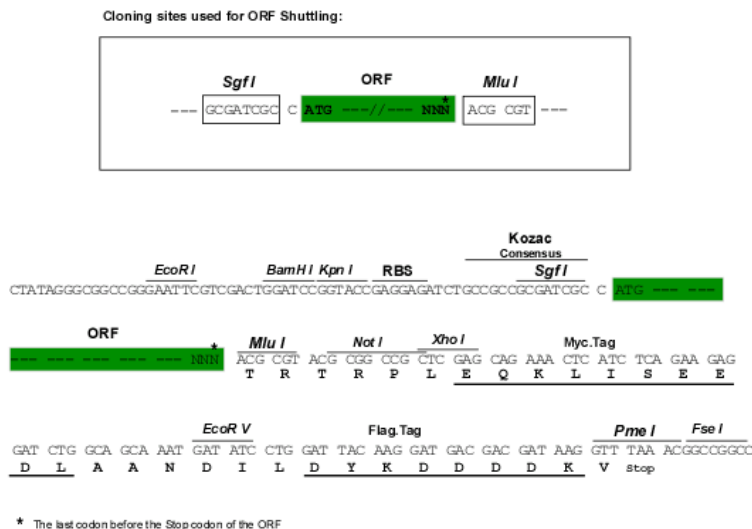
MTSASTKVGEIFSAAGAAFTKLGELTMQLHPVADSSPAGAKWTETIEMLRAAVKRFDDLNHISCVIKE
 RTVAQIKATVKRKVYEDSGIPLPAESPKKGPKKVASGVLSPPPAAPPSSSSVPEAGGPPIKKQKADVTL
 SALNDSANDSDVVDIEGLGETPPAKKLNFDQDSLTLDSGLLMTSADPPLLSC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV


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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001142798

ORF Size: 576 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.

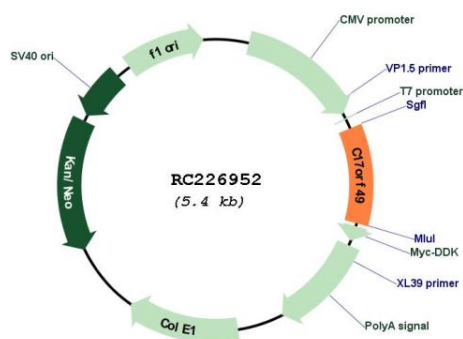
RefSeq: [NM_001142798.3](#)

RefSeq Size: 913 bp

RefSeq ORF: 579 bp

Locus ID: 124944
UniProt ID: [Q8IXM2](#)
Cytogenetics: 17p13.1
MW: 20 kDa
Gene Summary: Component of chromatin complexes such as the MLL1/MLL and NURF complexes.
 [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC226952