

## Product datasheet for **RR212075**

### Cherp (NM\_001106064) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cherp (NM_001106064) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cherp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide  
Sequence:

>RR212075 representing NM\_001106064  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGATGCCGCTGCCCCAGACGATCAGGAGCTTCAAAATGTCATCGACAAGCTCGCTCAGTTTGTGG  
 CTCGTAACGGACCGGAGTTTGGAGAAAATGACGATGGAGAAGCAGAAGGACAACCCCTAAATTCGTGTTCT  
 GTTCGGAGGCGAGTTCTACAGTTACTACAAGTGAAGCTGGCGCTGGAGCAGCAGCAGCTCATCTGCAAG  
 CAGCAGGCCCCAGAAGTGGAGCCACCTCAGCCATGCCCCCTCTGCCACAACCTCCGCTGGCTCCCACCG  
 CGTCCCTCACTCCGGCTCAGGGCACCCATCAATGGACGAGCTCATCCAACAGAGCCAGTGGAGTCTCCA  
 GCAGCAGGAGCAGCACCTGCTGGCCCTGCGCCAGGAGCAAGTAACGACAGCCGTGGCAGTGCAGTAGAG  
 CAGCAGATGCAGAAGCTGCTGGAAGAGACAGCTGGACATGAGCGAGTTTGACAACCTGCTACAGCCCA  
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 AGCCTGTGCAGCTGGCCCTCCAGCAGCAGATCCAGAGCCTCAAGACACAGCATGAGGAGTTTGTGAGCAG  
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 AAGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR212075 representing NM\_001106064  
 Red=Cloning site Green=Tags(s)

MEMPLPPDDQELRNVIDKLAQFVARNGPEFEKMTMEKQKDNPKFSFLFGGEFYSYKCKLALAEQQQLICK  
 QQAPELEPTSAMPPLPQPPLAPTASLTPAQGTPSMDLIIQSQWSLQQEQHLLALRQEQQVTTAVAHAVE  
 QQMQKLLLEETQLDMSEFDNLLQPIIDTCTKDAISAGKNWMSNAKSPPHCELMAGHLRNRITADGAHFEL  
 RLHLIYLINDVLHHCQRKQARELLAALQKVVVPIYCTSF LAVEEDKQK IARLLQLWEKNGYFDDSIQQ  
 LQSPALGLGQYQATLINEYSSVQPVQLAFQQQIQSLKTOHEEFVSSLAQQQQQQQQPPQPPQPI  
 QLPPMEADV KATPPPSAPPPASAPAPTIPPTTQPDDNKPIQMPGSSEYDT SAGVQDPA AAGPRGPGPHE  
 QIPPNKPPWFDQPHPVAPWGQQQPPEQPPYPHHQGGPPHCPPWNN SHEGMWGEQRGDPGWNQQRDAPWNN  
 QPDPNWNQFEGPWNNQHEPPPWGGAQREPPFRMQRPPHFRGPFPPHQHPQFNQPPHNFNRFPPRFM  
 QDDFPPRHPFERPPYPHRFDYPQGDFFADMGPPHHHPGHRMHPHGINHPPWAGPQHPDFGPPPHGFNGQ  
 PPHMRRQGPPHINHDDPSLVPNVFYFDLPAGLMAPLVKLEDHEYKPLDPKDIRLPPMPPSERLLAAVEA  
 FYSPSHDRPRNSEGWEQNGLYEFFRAKMRARRRKQGEKRN SGRSRSR SRSR SRSR SRSR SRSR  
 SRSR SRSR SRSR SRSR SRSR SRSR SRSR SRSR SRSR SRSR SRSR SRSR SRSR SRSR SRSR  
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 YSFIARMKARDEFSTFGARKEEKED

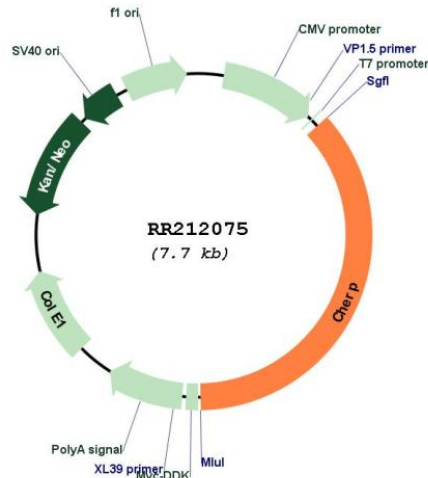
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



**Plasmid Map:**


**ACCN:** NM\_001106064

**ORF Size:** 2805 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\\_001106064.1](#), [NP\\_001099534.1](#)

**RefSeq Size:** 4084 bp

**RefSeq ORF:** 2808 bp

**Locus ID:** 290614

**Cytogenetics:** 16p14

**MW:** 105.9 kDa