

Product datasheet for **MC222734**

Cherp (NM_138585) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cherp (NM_138585) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cherp
Synonyms:	5730408I11Rik; D8Wsu96e; DAN16; Scaf6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>MC222734 representing NM_138585
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGATGCCGATGCCGCCAGATGATCAGGAGCTTCGAAATGTCATCGATAAGCTCGCTCAGTTTGTGG
 CTCGCAACGGACCCGAGTTCGAGAAAATGACGATGGAGAAGCAGAAGGACAACCCCTAAGTTCTCGTTTCT
 GTTTGGAGGCGAGTTCTACAGTTACTACAAGTGAAGCTGGCACTGGAGCAGCAACAGCTAATCTGCAAG
 CAGCAGGCCCCAGAGCTGGAGCCACCTCAGCCATGCCCCCTCTGCCACAACCTCCGCTGGCTCCCACAG
 CGTCCCTCACTCCGGCCAGGGCACCCATCAATGGACGAGCTCATCCAACAGAGCCAGTGGAGTCTCCA
 GCAGCAGGAACAGCACCTGCTGGCCCTGCGCCAGGAGCAAGTAACGACAGCCGTGGCAGTGCAGTGGAA
 CAGCAAATGCAGAAGCTGCTGGAAGAGACACAAGTGGACATGAGCGAGTTTGACAACCTGCTACAGCCCA
 TCATTGACACCTGCACAAAGGATGCCATCTCGGCTGGGAAGAAGTGGATGTTGAGCAATGCTAAGTCCCC
 ACCACACTGTGAGCTGATGGCAGGCCACCTGCGCAACCCGATCACTGCTGATGGCGCACACTTCGAGCTG
 CGGCTACACCTCATCTATCTGATCAATGACGTGCTGCACCACTGCCAGCGCAAGCAGGCCGGGAGCTGC
 TGGCTGCCTTGCAAGGTTGGTAGTACCATCTATTGCACCAGCTTCTGGCTGTGGAGGAGGACAAACA
 GCAGAAGATTGCCCGGCTCCTGCAGCTCTGGGAAAAGAACGGCTACTTTGATGACTCCATCATTAGCAA
 CTGCAGAGCCCTGCCCTGGGACTTGGTCAGTATCAGGGCACTCTCATCAATGAGTACTCGTCAGTGGTGC
 AGCCTGTGCAGCTGGCCCTCCAGCAGCAGATCCAGAGCCTCAAGACACAGCATGAAGAGTTTGTGAGCAG
 CTTAGCCCAGCAGCAGCAGCAGCAACAACAGCAGCAGCAGCAGCCGAGCCACAGCCACAGCCACAG
 ATTCAGCTGCCTCAGATGGAAGCAGATGTGAAGGCCACACCCACCACCAGCACCACCAGCCTCAG
 CACTGCCCCACCATCCCACCAACTACCCAGCCAGATGACAACAAGCCCTCCCATCCAGATGCCTGGCTC
 TTCAGAGTACGACACCTCTGCAGGTGTCCAGGATCCTGCAGCTGCTGGCCCTCGAGGTCTGGCCCCCAT
 GAGCAGATCCCGCAAACAAGCCCTTGGTTTATGATCAGCCTCACCCAGTTGCCCTTGGGGTCAACAGC
 AGCCCCCTGAGCAACCCCATACCCACACCACCAAGGTGGACCACCCATTGCCACCCTGGAACAACAG
 CCACGAGGGCATGTGGGGTGGAGCAGCGAGGGGACCCTGGCTGGAATGGGCAGCGAGATGCTCCGTGGAAC
 AACCCAGCAGATCCCAATTGGAATAACCCAGTTTGAAGGACCATGGAACAATCAGCATGAGCCACCCGCT
 GGGGTGGTGGCCAGCGGGAGCCGCCCTCAGAATGCAGCGGCCCCCACTTCCGTGGGCGGTTCCACCC
 CCACCAGCAGCACCACAGTTCAACCAGCCTCCACATCCCACAACCTCAACCGGTTCCACCCCGCTTC
 ATGCAGGATGACTTCCCACCTCGTACCCTTTTGAAGCGCCACCCTACCCTCACCCTTTGACTATCCCC
 AGGGAGACTTTCCTGCAGACATGGGACCCCTCATCACCACCCTGGCCACCGAATGCCACACCCTGGGAT
 CAATGAGCACCCACCTTGGGCTGGGCCCCAGCACCCCTGACTTTGGCCCTCCTCCCCACGGCTTCAATGGC
 CAGCCTCCCACATGCGGCGACAGGGCCACCTCACATCAACCATGATGACCCAGCCTAGTCCCAATG
 TGCCCTACTTCGATCTTCCAGCGGGGTTAATGGCCCCCTTGTGAAGCTGGAGGATCATGAGTACAAGCC
 TCTGGACCCAAAGACATCCGCTGCCACCCCATGCCTCCCAGTGAGAGGCTACTCGCAGCTGTGGAG
 GCCTTCTACAGTCCGCTCCCATGACAGGCCAAGGAACAGTGAAGGCTGGGAGCAGAATGGCCTCATG
 AGTTCTTTCGAGCCAAGATGCGAGCAGCGCGGCGCAAGGGCCAGGAGAAGAGAAACAGCGGCCCTCCAG
 ATCAGCAGCCGGTCCAAAAGCCGAGGCGCTCCTCATCTCGCTCCAGCTCCCAGTCCCTCCAAGTCCCTCA
 CGTTCTCCTCCCGCTCACATTCGCGTCTCGGTCCCGCTCCTCCTCTCGCTCCAGGTCCAGAAGCCGCA
 GCCGGTACGTTCTCCAGAAGCCGCTCGCGCTCCAGGTCCAGGTCCAGGTCCAGGTCCAGTCCAAAGTCACTC
 CCCTGGGAGGCGGCGACGCTCCAGGTCCCGGAGCCCCACCCACCCTCTGCAGCTGGCCTGGGTTCTAAT
 TCAGCGCCTCCCATACCAGACTCGAGGCTTGGAGAAGAGAATAAAGGCCATCAAATGCTGGTGAAGATGG
 GCTGGAGCGGGTCTGGTGGCCTTGGTCAAAGGAACAGGGCATTGAGGATCCCATTAAGGGTGGTGAAGT
 CCGGGATAAATGGGACCAGTACAAGGGCGTGGGTGGCCCTGGACGACCCTTATGAGAATACCGCCGC
 AACAAAGAGCTACTCCTTATTGCCCGCATGAAAGCCCGAGATGAGTTTTCCACATTTGGGACTCGAAAAG
 AAGAGAAGGAAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_138585
Insert Size:	2817 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).
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_138585.3 , NP_613051.3
RefSeq Size:	3820 bp
RefSeq ORF:	2817 bp
Locus ID:	27967
UniProt ID:	Q8CGZ0
Cytogenetics:	8 35.08 cM
Gene Summary:	Involved in calcium homeostasis, growth and proliferation.[UniProtKB/Swiss-Prot Function]