

Product datasheet for **MC205836**

Chmp7 (NM_134078) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chmp7 (NM_134078) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Chmp7
Synonyms:	4930596K11Rik; 6330407G04Rik; AI450338; AW550775
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC024115
 CCCACGCGTCCGCCACGCGTCCGCCGGGCCAGGCTTGTGTTTCGGTTCCTTGGCGGGGCTGGGGTCCGA
 TGTGGTCCCCGGAGCGGGAGGCCAGGCCCCGACCGGGGGAGACCCGGCGGGCCTCCTGCCGCCGAGTG
 GGAGGAGGATGAGGAGCGCATGTCTTTTCTGTTCTCCGCTTTAAGAGGAGTCCGCGAGGTGAACAGCACC
 GACTGGGACAGCAAGATGGGCTTCTGGGCTCCGTTGGTGTGAGCCACAGCCGCCCAAGGGTGGTGC
 GCCTGCGACTGCGGGACTTGCAGGAGGCCTCCAGCGCAAGGGCAGTGTCCCGCTGGGGCTGGCTACGGT
 GCTGCAGGACCTGCTGCGTGCAGGCGAGCTGCAGCGAGAGTCAAGTGGACTCTTTCTAACATGCTGGGG
 TGGATCTCCTGGGGGTGCGCGTCTTCTGCTGAAGCCCTCAAGTGGACTCTTTCTAACATGCTGGGG
 ATCACAAGTTCCAGCGGAGGAGGTGCTGGTGGCTGTGGAGCTGCTGAAGAAAAGGCCGAGGAGGTGTA
 TCGCTATACCAGAACTCGCCCTCTCCTCCCACCCTGTGGTGGCCCTGTGAGAGCTGAGTGTCTGTGC
 GCCAACTCCTGCCGGATGAGAGGACCTTCTACCTCGTGTGCTGCAGCTGCAGAAGGAGAAGAGAGTCA
 CTGTCTTGGAGCAGAATGGAGAGAAGATTGTGAAGTTTGCAGGGGACCACATGCCAAGGTATCTCCTGT
 GAACGACGTGGATGTTGGGGTCTACCAGCTGATGCAGAGTGCAGCTCCTCTCTCGAAGTTCGAGTCT
 TTATCCCAAGAGTCTGAGAGGTCAAAGAGGAAGCCCGCGGCATGCCGAGCAGAAAGAAGCAGCTGG
 CACTGAGGTCTCTCAAGGCCAAGCAGAGGACAGAGAAACGCATTGAGGCCCTGCATGCCAAGCTGGACAC
 TGTTC AAGGCATCCTGGATCGCATCTATGCCTCCAGACTGATCAGATGGTTTTAATGCCTACCAAGCT
 GGTGTGGGAGCCTTAAACTCTCCATGAAGGATGTCACAGTGGAGAAAGCAGAGACCTTGTGGATCAGA
 TCCAGGAGCTTTGTGACACGCAAGATGAAGTTTCTCAGACTCTGGCTGGTGGAGTAACCAATGGTTAGA
 TTTTGACAGTGGAACTGGAGAAGGAGTTGGACATCCTCCTTACAGGACACCACCACAGAACCTTTGAGC
 CTGCTCGAAACCCCCAGGAGACAACGCTTTATACCAACAGTGTGCCTAAGCCTAGGATCTTGGATGCTG
 AACTTGAAGCTGAACTTGAGAAATTGTCATTATCAGAAGGAGTTTGGATCCCAAGCAGTAAATCTCCAAA
 AAGGCAATTGGAGCCAACTCTCTAAAGCCATTGCAGGAACTCAAGTGAAGGACCTCATGTATCAGAGAG
 GCAGCCTTGCCTGTACATAGTTATTTAATGAGAAACACTGAGAAGTCTGTTGGAAGAGGAGGGAAGAAC
 CACTTGGATGTATCTGGATGCTGCTGCACGCCAAGACAGATACAGCTTCTGGAAGCCATGCTATGAAG
 GTGTGCTCCAGTGTGATGTCATGGACCTACCTTCTCGTCTTTATAGTGCCACAATTTATACAGTTCTGTG
 TTGACCCGTCGTCTTATAGCCTGCAGTCTTGGCATTGGCTCCGTTAGGTTTGTCTTACCACCAGCT
 TCATTCCAGCCAGTGAAGGTGAAAGTTTGCAGCTCTGCCATCTAAGCTAGCCCTCTTCCACTCGTG
 AGGTCTTTAACTGCTCCCTAGCCTGTGCTTTTCTGGGAATGGGAGTCAAACAAGTTTTTATTCAGAGAG
 ACCCAACAGCTGAGTCTGGAGAAACACTGTCCGGAAGATGGTTCTTACATTCTTCGTACAGTCTGGGT
 ATTCGAGGCTCTGAATGGTTCAGGGTCATGGCAGTTTCCAGGGTGGCTTATGTGATTGGGGCCACAACC
 GCTTCCATCTTAGAAGTAGATCTGCTGATGGAGTGGGGAAAGGATTAATCTGCCTTTTCAAGGTGAGCA
 TGAGAAACACAAACCCTAGGCCCGGGGTGAAAGAAGCTGGATTTCATGATTTGCCCCATTATAAAGG
 ATGTGTTTTCTGGAGCAAGCCACTGGGCACCACATCACCTCAACTGGCTCCCTCCCTGTTAGGATCTGG
 AAAGTGTCTTATCTAGTATCCCACTCAGGGCAGGGGCTGAGCCAGGATGTGCAATAAGAGGCAGGGC
 GCTGACCTGCCGATCTGCTGCGTGTGCTCCTGCCGGCCAGCAGCATCTGTGACTCCAGGAACTGTAGG
 ACAGGCAGAAAGTAGATCTGAATGCTCTGGGGCAGCATGGAGAAGAGACATGACAGCCACTGCCAGTC
 TGCTGCCAGGGACGGTGGCTGCCTGGACCTCTTGCAGTGGCCCTTCTGCTTGGGTGACTTGGAGCAG
 AGGGGAGAACTTTGCCTCAGGCCAGGAGCAGCAATCATTGTTCAAAGAGTCTCTCCACTCAGCCTTGGC
 AATGGAATAGCTGGGGTGAAGAAAAACAATCACTATTTTTTCTTTTTTAAATCTGGTAAATAATAAAA
 GAGAAAAACACCAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_134078
Insert Size: 1356 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:	<u>BC024115</u> , <u>AAH24115</u>
RefSeq Size:	2687 bp
RefSeq ORF:	1356 bp
Locus ID:	105513
UniProt ID:	<u>Q8R1T1</u>
Cytogenetics:	14 D2
Gene Summary:	ESCRT-III-like protein required to recruit the ESCRT-III complex to the nuclear envelope during late anaphase. Together with SPAST, the ESCRT-III complex promotes nuclear envelope sealing and mitotic spindle disassembly during late anaphase. Plays a role in the endosomal sorting pathway.[UniProtKB/Swiss-Prot Function]