

## Product datasheet for RN212482

### Chmp3 (NM\_172331) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Chmp3 (NM\_172331) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Chmp3  
 Synonyms: Vps24  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN212482 representing NM\_172331  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGGGGCTGTTTGAAAAACCAAGAGAAGCCTCCAAAGAGCTGGTTAATGAATGGTCACTGAAGATCA  
 GAAAGGAAATGAGAGTTGTAGACAGACAAATAAGAGATATCCAAAGAGAAGAAGAAAAGTAAAACGGTC  
 TGTGAAAGATGCAGCCAAGAAGGGCCAAAAAGAAGTCTGTGTGGTTCTGGCCAAGGAGATGATCAGGTCA  
 AGGAAGGCTGTGAGCAAGCTCTATGCATCCAAAGCACACATGAACTCTGTGCTCATGGGCATGAAGAACC  
 AACTTGCGGTCTGAGAGTAGCGGGTCCCTGCAGAAGAGCACGGAAGTATGAAGGCAATGCAGAGTCT  
 TGTGAAGATCCCAGAAATCCAGGCCACCATGAGGGAGCTGTCCAAAGAGATGATGAAGGCTGGAATCATA  
 GAAGAGATGTTAGAGGATACGTTTAAAAGCATGGATGATCAAGAGGAAATGGAAGAAGCAGCAGAAATGG  
 AGATTGACAGGATCCTCTTTGAAATCACAGCAGGAGCCTTGGGCAAAGCACCCAGTAAAGTAAACCGATGC  
 CCTTCTGAGCCTGAACCCGAGGAGCGATGGCTGCCTCGGAAGGAGATGAGGAAGATGATGAAGAGGAC  
 CTGGAGGCTATGCAGTCCCGGTGGCCACACTCAGAAGC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_172331  
 Insert Size: 672 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_172331.1</a></u> , <u><a href="#">NP_758834.1</a></u>
<b>RefSeq Size:</b>	831 bp
<b>RefSeq ORF:</b>	672 bp
<b>Locus ID:</b>	282834
<b>UniProt ID:</b>	<u><a href="#">Q8CGS4</a></u>
<b>Cytogenetics:</b>	4q31
<b>Gene Summary:</b>	binds phosphatidylinositol 3,5- and phosphatidylinositol-4,5-bisphosphates; involved in endosome homeostasis [RGD, Feb 2006]