

Product datasheet for **RR211961**

Chmp2a (NM_001108906) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Chmp2a (NM_001108906) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Chmp2a
Synonyms: RGD1305050
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR211961 representing NM_001108906
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACCTGTTGTTTGGGCGCCGGAAGACGCCAGAGGAAGTCTCGGCAAACCCAGAGGGCCCTGAACC
GAGCCATGAGAGAACTGGACAGGGAACGACAAAACTAGAAAACCCAGGAAAAGAAAATCATTGCAGACAT
CAAAAAGATGGCAAAGCAAGGCCAGATGGATGCTGTTTCAATCATGGCAAAGACCTGGTGCCTACCCGG
CGATATGTGCGCAAGTTTGTGTTGATGCGGGCCAATATCCAGGCTGTGTCCCTCAAGATACAACTCTAA
AATCCAACAACCTCAATGGCACAAGCCATGAAGGGTGTACTAAGGCCATGGGCACCATGAACAGACAGCT
GAAATTACCCAGATCCAGAAGATCATGATGGAGTTTGAACGGCAGGCAGAGATCATGGACATGAAGGAA
GAAATGATGAATGATGCCATTGATGATGCAATGGGTGATGAGGAAGATGAAGAGGAGAGTGATGCTGTTG
TGTCCCAGGACTGGATGAGCTGGGACTGAGCCTCACAGATGAGCTGTCAAACCTCCCCTCCACTGGAGG
CTCACTCAGTGTGGCTGCTGGCGAAAGAAAGCAGAGGCCACAGCCTCAGCTCTGGCTGATGCTGATGCA
GACCTGGAAGAGAGGCTCAAGAACCTTCGACGGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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:	<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_001108906.1 , NP_001102376.1
RefSeq Size:	917 bp
RefSeq ORF:	669 bp
Locus ID:	365191
Cytogenetics:	1q12
MW:	25.1 kDa