

Product datasheet for RN215302

Chp1 (NM_024139) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chp1 (NM_024139) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Chp1
Synonyms:	Chp; Wrch2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN215302 representing NM_024139 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGTCTCGGGCTCCACGTTACTGCGGGACGAAGAGCTCGAGGAGATCAAGAAGGAGACTGGCTTTT
CCCACAGTCAGATCACACGCCTGTACAGCCGCTTACCAGCCTGGACAAAGGGGAGAACGGAACCTCAG
CCGGGAAGATTTCCAGAGGATCCAGAACTGCCATCAACCCACTGGGGACCGGATCATCAATGCCTTC
TTCTCAGAGGGAGAGGATCAGGTAACCTCCGAGGATTCATGAGAACTTTGGCTCATTTCCGACCCATTG
AGGATAACGAAAAGAGCAAAGATGTGAATGGACCGGAACCCCTCAACAGCCGGAGCAACAACTGCACTT
TGCTTTCAGACTTATGACTTGGATAAAGATGACAAGATCTCCCGCATGAGCTGTTACAGTACTGCGA
ATGATGGTCGGAGTGAATATCTCAGATGAGCAGCTGGGCAAGTATTGCAGACAGGACCATCCAGGAGGCTG
ACCAAGATGGAGACAGTGCCATATCTTTTACAGAATTTGTTAAGGTTTTGGAGAAGGTGGATGTAGAACA
GAAGATGAGCATCCGATTTCTTCA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_024139
Insert Size:	588 bp



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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>NM_024139.2, NP_077053.1</u>
RefSeq Size:	2524 bp
RefSeq ORF:	588 bp
Locus ID:	64152
UniProt ID:	<u>P61023</u>
Cytogenetics:	3q35
Gene Summary:	may act as a cellular Ca ²⁺ signal transducer; required for exocytic membrane trafficking [RGD, Feb 2006]