

## Product datasheet for RN203722

### Chit1 (NM\_001079689) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Chit1 (NM_001079689) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Chit1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203722 representing NM_001079689 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTGCACTCCCTGGCCTTGGCAGGTGTGACGACTCTGCTGATGATCCAGTGGGGCTCTGCTGCCAAAAC  
TGTTCTGCTACTCACCAACTGGGCCAGTACCGTCCGGGGCAGCTCGATTCTACCTAGGGATGTGGA  
TCCCAACCTGTGTACCCATGTCATCTATGCCTTTGCTGGACTGAACAACCACCAGGTGACTGTAGAG  
CCCAATGACGAGCTTTTCTACCAAGAGCTGAACAGCCTAAAGAAGAGGAACCCCAAGCTCAAGACCTGT  
TAGCCGTCGGGGGCTGGAGCTTTGGTACCCAGAAGTTCACAGACATGGTGGCCACAGCCAGCACCCGGCA  
GACCTTTGTCAACTCAGCTCTCTCGTTCCTGCGCACTCATGGTTTTGACGGCCTTGACCTTGACTGGGAA  
TACCCAGGAAGCCGAGGGAGCCAGCAGTAGACAAGAGAGATTACAGCGCTGATACAGGATTTGGCCA  
AAGCCTTCCAGGAGGAAGCCCGGCCCTCAGGAAAAGTCGCTCCTTCTGACTGCAGCTGTACCAACTGG  
TCGAGGCCATGTGGATGCTGGTTATGAGGTGGACAAGATTGTTTCAGAGTTTGGATTTTCATCAACCTTATG  
GCCTACGACTTCCACAGCTCCTGGGACAAGACCACAGGGCACAACAGCCCCCTACAAAAGGCAAGGAG  
AGACTGGGAAAGATGCTGAAAAAATGTGGATGCTGCTGTGACGCTCTGGCTGCAGAAGGGGACCCCTGC  
CAGCAAAGTATGCTTGGCATGCCCGCCTACGGAGCTCCTTACCTTGGCCTCCTCATCAGACAGTGGA  
GTTGGGGCTCCAGCCACAGGACCTGGGGCCCCAGGCCCTATACTAAGGAAAAGGGGATACTGGTTTACT  
TTGAGGTCTGCTCCTGGAAGGAAAACAGAGAATCGAGGACCAGAAGGTGCCCTATGTCTCCAGGGCAA  
CCAATGGGTGGGATTTGATGACAGGGAAAGCTTCAGAGCCAAGGCTGCCTATGTGAAACAGAAGGGACTG  
GGAGGGGCCATGGTCTGGATTCTGGATGGGGATGACTTCAAAGTTTCTTCTGCAACGAGGGCCAGTACC  
CTCTCATCCGGACACTACACCAGGAGCTGAGCCTTTCATCCGGCCCTCCAAGAAGCCAGAACAGGAAGT  
ACCTGGGCCACACCAGCCTTCTGAGCCCAGCAGGGCCCCAGCCAGGGCTAGATGACTTCTGCCAAGGC  
AAAGCTGATGGGCTTACCCCAACCCTACAGAAAAGTCCAGTTTCTACAGCTGTGGAGGGGGCGACTGT  
TCCAGCACAGCTGCCCCAGGCCTGGTGTATATCGACTTTGCAAATGCTGTACCTGGGGTTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001079689
<b>Insert Size:</b>	1395 bp
<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_001079689.2</a></u> , <u><a href="#">NP_001073157.1</a></u>
<b>RefSeq Size:</b>	2186 bp
<b>RefSeq ORF:</b>	1395 bp
<b>Locus ID:</b>	289032
<b>Cytogenetics:</b>	13q13