

## Product datasheet for **RN208686**

### Chid1 (NM\_001047854) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Chid1 (NM\_001047854) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Chid1  
**Synonyms:** Cc1-9; RGD1308955  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN208686 representing NM\_001047854  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCCTACCATGTGGCCACTTCTTCATGTCTCTGGCTTGTCTGGTCTGTGGCTCTGTTACACCACCC  
TGTCAAAGTCAGATGCCAAAAAGCTGCCTCAAAGACGCTGCTGAAAAAGACTCAGTTTTCGGATAAAC  
TGTCGAAGACCGGGTCTGGTGGTACGGACATCAAAGCTGAGGATGTGGTTCTTGAACATCGTAGCTAC  
TGCTCAGCAAGGGCTCGGAGAGAACTTTGCTGGAGAGGTCCTAGGCTATGTCCTCCATGGAACAGCC  
ATGGCTATGATGTTGCCAAGGTCTTTGGGAGCAAGTTCACACAGATCTCACCAAGTCTGGTTGCGAGCTGAA  
GAGACGTGGTCCGGAGATGTTTGAATCACAGGCCTCCATGATGTGGACCAAGGGTGGATGCGAGCTGTC  
AAGAAGCATGCCAAAGCGTGCCATAGTGCCTCGGCTTCTGTTGAAGACTGGACTTACGATGATTTCC  
GAAGCGTCTAGACAGTGAGGATGAGATAGAAGAGCTCAGCAAGACTGTGGTACAGGTGGCAAAGAACCA  
GCATTTGACGGCTTTGTGGTGGAGTCTGGAGCCAGTGTGCTGAGCCAGAAACATGTAGGCCTCATTAC  
ATGCTTACTCACTTGGCTGAGGCGCTGCACCAGCCAGGCTGCTGGTCACTTCTGGTCACTCCACCTGCTG  
TCACCCCTGGGACTGACCAGCTGGCATGTTTACACACAAGGAGTTTGGAGCAGCTGGCCCCATAGTA  
TGGCTTACGCTCATGACATACGACTACTCCACATCACAGCAGCCTGGCCCTAATGCTCCATTGTCATGG  
ATCCGAGCCTGTGTTAGGTCCTAGACCCCAAGTACAGTGCCGTAGCAAGATCCTCCTGGGATTGAACT  
TCTATGGCATGGATTATGCAGCCTCCAAGGATGCCCGTGAGCCTGTCACTGGAGCCAGGTACATACAGAC  
GCTGAAGGACCACAGGCCCGTGTGGTATGGGACAGCCAGGCTGCGGAACACTTCTTTGAGTACAAGAAG  
AATCGCGCGGGAGGCACGTTGTCTTACCCAACGCTGAAGTCTCTGCAGGTGCGGCTGGAGCTAGCCA  
GGGAGCTGGGCGTGGGGTCTCCATCTGGGAGCTGGGCCAAGGCCTGGATTACTTCTATGACCTGCTGTA  
G

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001047854
<b>Insert Size:</b>	1191 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_001047854.2</a></u> , <u><a href="#">NP_001041319.2</a></u>
<b>RefSeq Size:</b>	1446 bp
<b>RefSeq ORF:</b>	1191 bp
<b>Locus ID:</b>	293628
<b>UniProt ID:</b>	<u><a href="#">A0JPQ9</a></u>
<b>Cytogenetics:</b>	1q41
<b>Gene Summary:</b>	Saccharide- and LPS-binding protein with possible roles in pathogen sensing and endotoxin neutralization. Ligand-binding specificity relates to the length of the oligosaccharides, with preference for chitotetraose (in vitro) (By similarity).[UniProtKB/Swiss-Prot Function]