

## Product datasheet for MR216870

### Chid1 (NM\_026522) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Chid1 (NM_026522) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Chid1
Synonyms:	3110023E09Rik; AI841869
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR216870 representing NM_026522 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGCTGCCATGTGGCACTTCTTCATGTCTCTGGCTTGGCTCTGGCTCTGTGGCTCTGTTACACCACCC  
TGTCAAAGTCAGATGCCAAAAAGCTGCCTCAAAGATGCTGCTGAAAAAGACTCAGTTTTAGATAAACC  
TGTCGAAGATCGGGTCTGGTGGTGACGGACATCAAAGCTGAGGATGTGGTTCTTGAACATCGTAGCTAC  
TGCTCATCAAGGGCTCGGGAGAGAACTTTGCTGGAGAGGTCCTAGGCTACGTCCTCCATGGAACAGCC  
ATGGCTACGATGTTGCCAAGGCTTTGGGAGCAAGTTCACACAGATCTCACCAAGTCTGGTTGCAACTGAA  
GAGACGTGGTCTGAGATGTTTGAATTACAGGCCTCCATGATGTGGACCAAGGGTGGATGCGAGCTGTC  
AAGAAGCATGCCAAGGTGTGCGCATAGTGCCTCGACTTCTGTTGAAGACTGGACTTATGATGATTTCC  
GAAACGTCTTAGACAGTGAGGATGAGATAGAAGAGCTCAGCAAGACTGTGGCACAGGTGGCAAAGAACCA  
GCATTTGACGGTTTTGTGGTGGAGTCTGGAGCCAGTTGCTGAGCCAGAAACATGTAGGCCTCATTAC  
ATGCTTACTCACTTGGCTGAGGCGCTGCACCAGCCAGGCTGCTGGTATTCTGGTCATCCACCTGCTG  
TCACGCCGGGTACGTACAGACGCTGAAGGACCACAGGCCCGAGTGGTATGGACAGCCAGGCTGCGGA  
GCACTTCTTTGAGTACAAGAAGAATCGCGCGGGAGGCATGTTGCTTCTACCCAACCTGAAGTCTCTG  
CAGGTGCGGCTGGAGCTAGCCAGGGAGCTTGGCGTCGGGGTCTCCATCTGGGAGCTGGGCCAAGGCCTGG  
ATTACTTCTATGACCTGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_026522.5</a> , <a href="#">NP_080798.2</a>
<b>RefSeq Size:</b>	3981 bp
<b>RefSeq ORF:</b>	933 bp
<b>Locus ID:</b>	68038
<b>UniProt ID:</b>	<a href="#">Q922Q9</a>
<b>Cytogenetics:</b>	7 F5
<b>MW:</b>	36 kDa
<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]