

Product datasheet for MR206135

Chid1 (BC006876) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chid1 (BC006876) 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:	>MR206135 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTGGCCACTTCTTCATGTCCTCTGGCTTGTCTGGTCTGTGGCTCTGTTACACCACCCTGTCAAAGT
CAGATGCCAAAAAGCTGCCTCAAAGATGCTGCTGGAAAAGACTCAGTTTTTCAGATAAACCTGTCCAAGA
TCGGGGTCTGGTGGTACGGACATCAAAGCTGAGGATGTGGTTCTTGAACATCGTAGCTACTGCTCATCA
AGGGCTCGGGAGAGAAAACCTTGGCTGGAGAGGTCCTAGGCTACGCTACTCCATGGAACAGCCATGGCTACG
ATGTTGCCAAGGTCTTTGGGAGCAAGTTCACACAGATCTCACCAGTCTGGTTGCAACTGAAGAGACGTGG
TCGTGAGATGTTTGAATTACAGGCCTCCATGATGTGGACCAAGGGTGGATGCGAGCTGTCAAGAAGCAT
GCCAAAGGTGTGCGCATAGTGCCCTCGACTTCTGTTTGAAGACTGGACTTATGATGATTTCCGAAACGTCT
TAGACAGTGAGGATGAGATAGAAGAGCTCAGCAAGACTGTGGCACAGGTGGCAAAGAACCAGCATTTTGA
CGGTTTTGTGGTGGAGGTCTGGAGCCAGTTGCTGAGCCAGAAACATGTAGGCCTCATTACATGCTTACT
CACTTGGCTGAGGCGCTGCACCAGGCCAGGCTGCTGGTCACTTGGTCACTCCACCTGCTGTACAGCCGG
GGACTGACCAGCTGGGCATGTTTACACACAAGGAGTTTGAGCAACTGGCCCCATACTAGATGGCTTCAG
CCTCATGACATATGACTATTCCAGTCAACAAGCCTGGCCCTAATGCTCCCTTGTGATGGATTTCGAGCC
TGTGTCCAGTCTAGACCCCAAGTACAGTGGCGAAGCAAGATCCTCCTGGGCTTGAACTTCTATGGCA
TGGATTATGCAGCCTCCAAGGATGCCCCTGAGCCTGTCATTGGAGCCAGGTACGTACAGACGCTGAAGGA
CCACAGGCCCCGAGTGGTATGGACAGCCAGGCTGCGGAGCACTTCTTTGAGTACAAGAAGAATCGCGGC
GGGAGGCATGTTGCTTCTACCCAACCTGAAGTCTCTGCAGGTGCGGCTGGAGCTAGCCAGGGAGCTTG
GCGTGGGGTCTCCATCTGGGAGCTGGGCCAAGGCTGGATTACTTCTATGACCTGCTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR206135 protein sequence
Red=Cloning site Green=Tags(s)

MWPLLHVLWLALVCGSVHTTLSKSDAKKAASKMLLEKTQFSDKPVQDRGLVVTDIKAEDVVLEHRSYCSS
 RARERNFAGEVLGYVTPWNSHGYDVAKVFGSKFTQISPVLQLKRRGEMFEITGLHDVDQGMRAVKKH
 AKGVRIVPRLLFEDWTYDDFRNVLDSEDEIEELSKTVAQVAKNQHFDFVVEVWSQLLSQKHVGLIHMLT
 HLAELHQARLLVILVIPPVTPGTDLQGMFTHKEFEQLAPILDGFSMTYDYSTSQQPGPNAPLSWIRA
 CVQYLDPKSQWRSKILLGLNFYGMDYAASKDAREPVI GARYVQTLKDHRRPRVWDSQAAEHFFEYKKNRG
 GRHVVFYPTLKSLQVRLELARELVGVSVI WELGQGLDYFYDLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

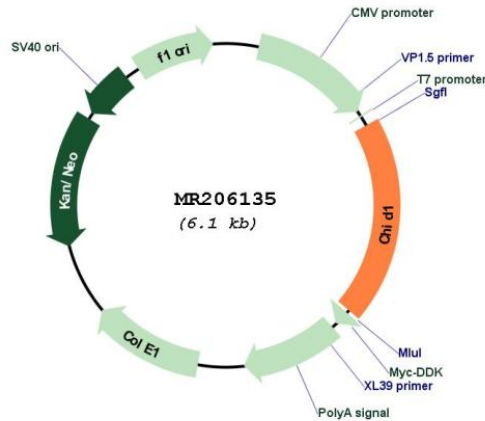
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

BC006876

ORF Size:	1179 bp
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:	BC006876 , AAH06876
RefSeq Size:	1362 bp
RefSeq ORF:	1181 bp
Locus ID:	68038
Cytogenetics:	7 F5
MW:	44.9 kDa
Gene Summary:	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]