

Product datasheet for **MG206135**

Chid1 (BC006876) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chid1 (BC006876) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Chid1
Synonyms:	3110023E09Rik; AI841869
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206135 representing BC006876 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGCCACTTCTTCATGTCCTCTGGCTTGTCTGGTCTGTGGCTCTGTTACACCACCCTGTCAAAGT
CAGATGCCAAAAAGCTGCCTCAAAGATGCTGCTGAAAAGACTCAGTTTTAGATAAACCTGTCCAAGA
TCGGGGTCTGGTGGTACGGACATCAAAGCTGAGGATGTGGTTCTTGAACATCGTAGCTACTGCTCATCA
AGGGCTCGGGAGAGAACTTTGCTGGAGAGTCTAGGCTACGCTACTCCATGGAACAGCCATGGCTACG
ATGTTGCCAAGGCTTTGGGAGCAAGTTCACACAGATCTCACCAGTCTGGTTGCAACTGAAGAGACGTGG
TCGTGAGATGTTTGAAATTACAGGCCTCCATGATGTGGACCAAGGGTGGATGCGAGCTGTCAAGAAGCAT
GCCAAAGGTGTGCGCATAGTGCCTCGACTTCTGTTTGAAGACTGGACTTATGATGATTTCCGAAAACGTCT
TAGACAGTGAGGATGAGATAGAAGAGCTCAGCAAGACTGTGGCACAGGTGGCAAAGAACCAGCATTTTGA
CGGTTTTGTGGTGGAGGTCTGGAGCCAGTTGCTGAGCCAGAAACATGTAGGCCTCATTACATGCTTACT
CACTTGGCTGAGGCGCTGCACCAGGCCAGGCTGCTGGTCACTTCTGGTCACTCCACCTGCTGTACGCCGG
GGACTGACCAGCTGGGCATGTTTACACACAAGGAGTTTGAGCAACTGGCCCCATACTAGATGGCTTCAG
CCTCATGACATAGACTATTCACGTCACAACAGCCTGGCCCTAATGCTCCCTTGTATGGATTTCGAGCC
TGTGTCAGGTCCTAGACCCCAAGTACAGTGGCGAAGCAAGATCCTCCTGGGCTTGAACCTCTATGGCA
TGGATTATGCAGCCTCAAGGATGCCCGTGAGCCTGTCAATGGAGCCAGGTACGTACAGACGCTGAAGGA
CCACAGGCCCGAGTGGTATGGGACAGCCAGGCTGCGGAGCACTTCTTTGAGTACAGAAGAATCGCGGC
GGGAGGCATGTTGCTTCTACCCAACCTCTGAAGTCTCTGCAGGTGCGGCTGGAGCTAGCCAGGGAGCTTG
GCGTCGGGGTCTCCATCTGGGAGCTGGGCCAAGGCCTGGATTACTTCTATGACCTGCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206135 representing BC006876
 Red=Cloning site Green=Tags(s)

MWPLLHVLWLALVCGSVHTTLSKSDAKKAASKMLLEKTQFSDKPVQDRGLVVTDIKAEDVVLEHRSYCSS
 RARERNFAGEVLGYVTPWNSHGVDYAKVFGSKFTQISPVWLQLKRRGEMFEITGLHDVDQGMRAVKKH
 AKGVRIVPRLLFEDWTYDDFRNVLDSEDEIEELSKTVAQVAKNQHFDFVVEVWSQLLSQKHVGLIHMLT
 HLAEALHQARLLVILVIPPVAVTPGTDQLGMFTHKEFEQLAPILDGFSLMTYDYSTSQQPGPNAPLSWIRA
 CVQVLDPKSQWRSKILLGLNFYGMDYAASKDAREPVIGARYVQTLKDHRRPRVWDSQAAEHFFEYKKNRG
 GRHVVFYPTLKSLLQVRLELARELGVGVSIWELGQGLDYFYDLL

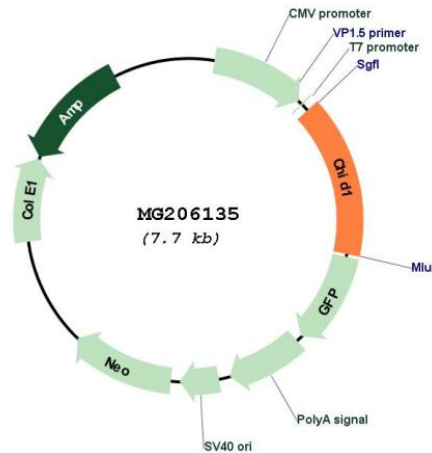
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC006876

ORF Size:	1181 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
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]