

Product datasheet for **MG205998**

Cers6 (NM_172856) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cers6 (NM_172856) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Cers6
Synonyms:	4732462C07Rik; AW544719; Lass6; T1L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205998 representing NM_172856 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGGGATCTTAGCCTGGTTCTGGAACGAGCGGTTTTGGCTCCGCACAATGTCACCTGGGCAGACC
TGAAGAACACGGAGGAAGCCACCTTTCCGAGGCGGAGGACCTCTACCTTGCCTTCCCCTTGGCCTTCTG
CATCTTCATGGTGGGCTCATCTCGAGAGATTCATAGCCAAACCATGTGCCATAGCCCTCAACATCCAA
GCCAATGGACCACAACTGCCAGCCAAATGCCATTCTGGAAAAGGTTTTCACTGCTATAACAAAGCATC
CTGATGAAAAGAGATTAGAAGGGCTCTCCAAGCAGCTGGACTGGGATGTTCCGGAGCATTCAACGCTGGT
TCGACAAAAGACGCAACCAGGAGAAACCCAGCACTCTGACCAGGTTCTGTGAGAGCATGTGGAGATTTCC
TTTTACCTCTATGATTTAGCTACGGAGTCCGGTCTTGAACAGACCCCTTGGTTGGAAATACAAGAC
ACTGCTGGTATAACTACCCTTACCAGCCACTCACAGCTGACCTTCACTACTATTACATCCTGGAGCTGTC
ATTTTATTGGTCTTTAATGGTTTCCCAGTTCACAGATATCAAAAGGAAGGACTTCGGCATTATGTTCTG
CACCACCTTGCAACAATTTCTTAATAACCTTTTCATATGTCAACAACATGGCCCGAGTAGGAACCTGG
TCCTCTGTCTTACGACTCAGCCGATGCTCTGTAGAGGCTGCCAAAATGGCAAATTACGCCAAATTTCA
GAAAATGTGTGATCTCCTGTTTGTATGTTTCCGTTGGTTTTATCACCACACGGCTGGGCATATTTCT
CTCTGGGTGTTGAATACCACATTATTTGAAAGTTGGGAGATCGTCGGACCCTACCCTTCTGGTGGGTTT
TTAACCTGCTGCTTTGTTACTACAAGGTTGAACTGCTTCTGGTCTTACCTGATTGAAAAATAGCTTG
CAAAACTGTTTCAAAAGGCAAGGTATCCAAGGATGACCGAGTGACATTGAATCTAGCTCAGATGATGAG
GACTCAGAGCCTCCAGGGAAGAAACCACACTCTTCAACAACCACCAACGGAACCAGCGGTACCAATGGGT
ACCTCCTCACTGGTCCTTGTCCGTGGATGAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG205998 representing NM_172856
Red=Cloning site Green=Tags(s)

MAGILAWFWRERFWLPHNVTWADLNKTEEATFPQAEDLYLAFPLAFCIFMVRLIFERFIAKPCAIALNIQ
 ANGPQTAQPNAILKVF TAITKHPDEKRLEGLSKQLDWDVRSIQRWRQRRNQEKPSTL TRFCESMWRFS
 FYLYVFSYGVRFLKQTPWLWNRHRCWYNYPYQPLTADLHYYYYILELSFYWLSLMVSQFTDIKRKDFGIMFL
 HHLATIFLITFSYVNNMARVGTLLVCLHDSADALLEAAKMANYAKFQKMCDDL FVMFAVVFITTRLGIFP
 LWVLNTTLFESWEIVGPYPSPWWVFNLLLLLLQLNCFWSYLIVKIACKTVSKGKVKDDRSDISSSDDE
 DSEPPGKKPHSSTTTNGTSGTNGYLLTGPCSVDD

TRTRPLE - GFP Tag - V

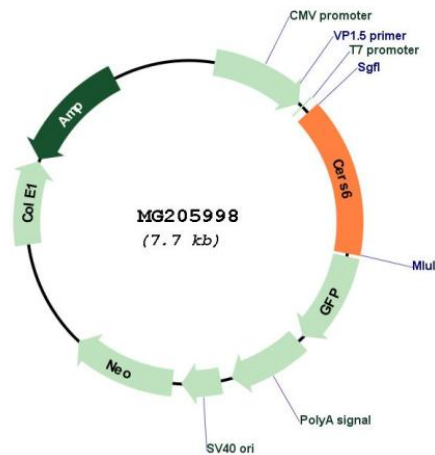
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_172856

ORF Size:	1152 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:	NM_172856.4
RefSeq Size:	3931 bp
RefSeq ORF:	1155 bp
Locus ID:	241447
UniProt ID:	Q8C172
Cytogenetics:	2 C2
Gene Summary:	May be involved in sphingolipid synthesis or its regulation.[UniProtKB/Swiss-Prot Function]