

Product datasheet for RC233965

LASS6 (CERS6) (NM_001256126) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LASS6 (CERS6) (NM_001256126) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	LASS6
Synonyms:	CERS5; LASS6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC233965 representing NM_001256126 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCAGGGATCTTAGCCTGGTTCTGGAACGAGAGGTTTTGGCTCCCGCACAATGTCACCTGGGCGGACC
 TGAAGAACACGGAGGAGGCCACCTTCCCGCAGGCTGAGGACCTCTATCTCGCTTTTCCCTGGCCTTCTG
 TATCTTCATGGTGGGCTCATCTTCGAGAGATTGTAGCCAAACCGTGCCTCATAGCCCTCAACATTCAG
 GCCAATGGACCACAAATTGCTCCGCCAATGCCATTCTGGAAGGTCTTCACTGCAATTACAAAGCATC
 CTGATGAAAAGAGATTGGAAGGCCTCTCAAGCAACTGGACTGGGATGTTCAAGCATTACGCGCTGGTT
 TCGACAAAGACGCAATCAGGAGAAGCAAGCACGCTGACGAGGTTCTGTGAGAGCATGTGGAGATTTCA
 TTTTACCTTTATGTATTTACCTACGGAGTCAGATTCTGAAAAAGACCCCTGGTTGTGGAATACGAGGC
 ATTGCTGGTACAACCTACCCCTATCAGCCACTCACAACTGACCTTCACTACTATTACATCTGGAGCTGTC
 GTTTTATTGGTCTTTGATGTTTTCTCAGTTCAGTATCAAAAGAAAGGACTTTGGCATTATGTTCTG
 CACCACCTTGATCTATTTTCTTGATTACCTTTTCATATGTCAACAATATGGCCCGAGTAGGAACGCTGG
 TCCTTTGTCTTCATGATTCAGCTGATGCTCTTCTGGAGGCTGCCAAATGGCAAATTATGCCAAGTTTCA
 GAAAATGTGTGATCTCCTGTTTGTATGTTTGGCGTGGTTTTATCACCACACGACTGGGTATATTTCT
 CTCTGGGTGTTAAATACCACATTATTTGAAAGCTGGGAGATCGTTGGACCTTACCCTTCTGGTGGGTTT
 TTAACCTACTGCTATTGCTAGTACAAGGTTGAACTGCTTCTGGTCTTACTTGATTGTGAAAATAGCTTG
 CAAAGCTGTTTCAAGAGGCAAGGCTGGGAAGTGAACCTTTACATGTGTCCAAGGATGATCGAAGTGAT
 ATTGAGCTAGCTCAGATGAGGAGGACTCAGAACCTCCGGGAAAGAATCCCCACACTGCGACAACCACCA
 ATGGGACCAGTGGTACCAACGGGTATCTCCTGACTGGCTCCTGCTCCATGGATGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


[View online »](#)

Protein Sequence: >RC233965 representing NM_001256126
 Red=Cloning site Green=Tags(s)

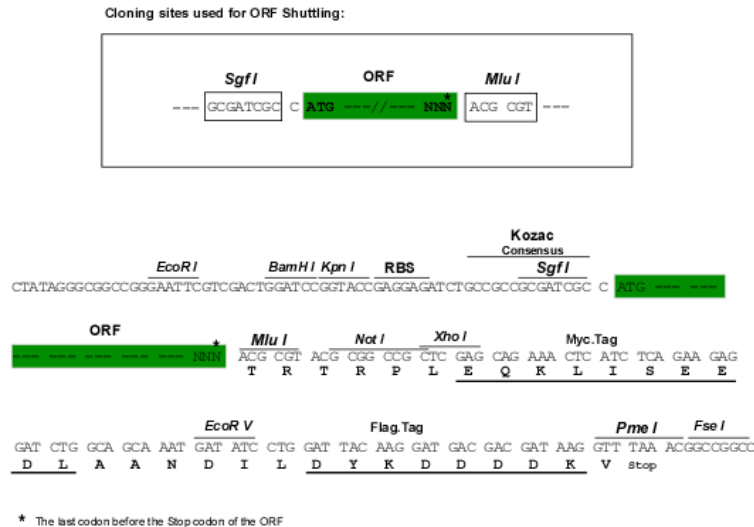
MAGILAWFWNERFWLPHNVTWADLNTEETFPQAEDLYLAFPLAFCIFMVRLIFERFVAKPCAIALNIQ
 ANGPGIAPPNAILEKVFTAITKHPDEKRLEGLSKQLDWDVRSIQWFRQRRNQEKPSLTRFCESMWRFS
 FYLYVFTYGVRFLLKTPWLWNRHRCWYNYPYQPLTTDLHYYYILELSFYWSLMFSQFTDIKRKDFGIMFL
 HHLVSIPLITFSYVNNMARVGTLLVCLHDSADALLEAAKMANYAKFQKMDLLFVMFAVVFITTRLGIFP
 LWVLNTTLFESWEIVGPYPSPWWVFNLLLLLVQGLNCFWSYLIVKIACKAVSRGKAGKWNPLHVS KDDRS
 IESSSDEEDSEPPGKNPHTATTTNGTSGTNGYLLTGSCSMDD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001256126

ORF Size: 1176 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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001256126.2](#)

RefSeq Size: 6868 bp

RefSeq ORF: 1179 bp

Locus ID: 253782

UniProt ID: [Q6ZMG9](#)

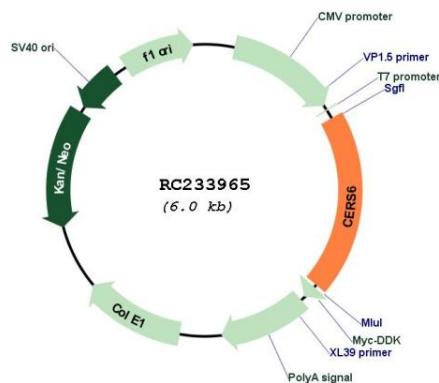
Cytogenetics: 2q24.3

Protein Families: Druggable Genome, Transmembrane

MW: 46.2 kDa

Gene Summary: May be involved in sphingolipid synthesis or its regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC233965