

Product datasheet for **SC308195**

LASS6 (CERS6) (NM_203463) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LASS6 (CERS6) (NM_203463) Human Untagged Clone
Tag:	Tag Free
Symbol:	LASS6
Synonyms:	CERS5; LASS6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_203463 edited
 CAGCGGCGGCGGCGGCACAGGCTCGGGCCAGCCGGGCGCGCATCCCCGGGCGCCCTGCG
 CGGTGGAGAGCTTGGCGGGCTGCGGGTCCCGCAGGACAGGAGTGGACAAAGCAAGATGGC
 AGGGATCTTAGCCTGGTCTGGAACGAGAGGTTTTGGCTCCCGCACAATGTCACCTGGGC
 GGACCTGAAGAACACGGAGGAGGCCACCTCCCGCAGGCTGAGGACCTCTATCTCGCTTT
 TCCCTGGCCTTCTGTATCTTCATGGTGGGCTCATCTCGAGAGATTTGTAGCCAAACC
 GTGCGCCATAGCCCTCAACATTCAGGCCAATGGACCACAATTTGCTCCGCCAATGCCAT
 TCTGAAAAGGTCTTCACTGCAATTACAAGCATCCTGATGAAAAGAGATTGGAAGGCCT
 CTCCAAGCAACTGGACTGGGATGTTGAAAGCATTAGCGCTGGTTTCGACAAAGACGCAA
 TCARGAGAAGCCAAGCACGCTGACGAGGTTCTGTGAGAGCATGTGGAGATTTTCATTTTA
 CCTTTATGATTTACCTACGGAGTCAGATTCTGAAAAAGACCCCTGGTTGTGGAATAC
 GAGGCATTGCTGGTACAACCTACCCTATCAGCCACTCACAACGACCTTCACTACTATTA
 CATCCTGGAGCTGTCGTTTTATTGGTCTTTGATGTTTTCTCAGTTCAGTATCAAAG
 AAAGACTTTGGCATTATGTTCTGCACCACCTGTATCTATTTTCTTGATTACCTTTTC
 ATATGTCAACAATATGGCCCGAGTAGGAACGCTGGTCTTTGTCTTCATGATTACAGTGA
 TGCTCTTCTGGAGGCTGCCAAAATGGCAAATTATGCCAAGTTTCAGAAAATGTGTGATCT
 CCTGTTTGTTATGTTGCGGTGTTTTATCACCACACGACTGGGTATATTTCTCTCTG
 GGTGTTAAATACCACATTATTTGAAAGCTGGGAGATCGTTGGACCTTACCCTTCTGGTG
 GGTTTTTAACCTACTGCTATTGCTAGTACAAGGTTGAACTGCTTCTGGTCTTACTTGAT
 TGTGAAAATAGCTTGCAAAGCTGTTTCAAGAGGCAAGGTGTTCAAGGATGATCGAAGTGA
 TATTGAGTCTAGCTCAGATGAGGAGGACTCAGAACCTCCGGGAAAGAATCCCCACTGC
 GACAACCACCAATGGGACCAGTGGTACCAACGGGTATCTCCTGACTGGCTCCTGCTCCAT
 GGATGATTAATTACTCAAACTACAAGTCCCAAGCAAAGTGAACATTTTGTTCCTGGAAG
 TATTTAATAAGTTGCAAATGCAGTTCCTTTCATAATATCTCAGCACCAGAAACAAAAATT
 AAGATTATCAAAGCATTTTGAATAGTGCCTGATGTCCTGTGTAATGAAGAAG
 AATTACCATTCTCTTTGTAGGCATGCTGTATGTAATTGACACAAGGGAACAGTATTTG
 CATTTGACTGTCTTAGAATATTATTTATTTTTTTGATTTGTAATCTGTGGACAAAAG
 AGGTTTTCTCACTCCTTTACTCACTGGGCTCATGACAGTGAAGGAGATGCTCCATCTG
 CTTCTCCCCCTTCTCTGCTGTAGTCCAATGTGCTATGAGCATCAGCTTACTTTGTCAC
 TTAGAGCAAGCAAACCCAGTGAAGAGTCTCGTTCAGCTCTAAATAGGTTTGTCTTCTT
 TTAGTTACAGTGCCATTTTGAATTGCCTATACAGTCTTAGTGACCATTTAAACCGGAC
 GAACTAGGTGTTAATTTCACTCTTCATGTTCAATTAGCAGTTCAAATTAAGAAGATG
 GTTATTGAAAAAAAAAAAAAAAAA

- Restriction Sites:** NotI-NotI
- ACCN:** NM_203463
- Insert Size:** 1900 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- OTI Annotation:** The ORF of this clone has been fully sequenced and found to be a perfect match to NM_203463.1.
- 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.

RefSeq: [NM_203463.1](#), [NP_982288.1](#)

RefSeq Size: 6259 bp

RefSeq ORF: 1155 bp

Locus ID: 253782

UniProt ID: [Q6ZMG9](#)

Cytogenetics: 2q24.3

Protein Families: Druggable Genome, Transmembrane

Gene Summary: May be involved in sphingolipid synthesis or its regulation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 3' coding region, compared to variant 1, resulting in an isoform (2) that is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.