

Product datasheet for MC200339

Cers4 (NM_026058) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cers4 (NM_026058) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cers4
Synonyms: 2900019C14Rik; Lass4; Trh1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003946 sequence for NM_026058
 CTTGTCTAAGGCATCTTCGGATTAGCTGATCTCCGCACCGCCTCGGCCTGCATCTTGCTTTCTGAACCTC
 CAGCATGTCGTTTCAGCTTGAGTGAGTGGCTGTGGCAGGAGACATACTGGTTACCACCCAATGTCACATGG
 GCAGAGCTGGAGGACCGTGATGGCCTGGTGTTCGCCACCCCTCACACGTGCTTGCTGCCTTCCCAGTGG
 CTCTGGTCTGGTGGCTGTGCGAATTGTCTTTGAGAGATTTGTGGCCTTGCCCTGAGCCGGTGGATGGG
 TGTGCAGGATCCAATCAGGAGAAAGATAAAGCCCAACCCGGTGTGGAGAAGTACTTCTCAGGATGAAG
 CAGTGTCCAGAGGAGACACAGATGGTCTGCTGGCTTCCCAGTGTGGCCTCACGCTTCGGCAGACTCAAC
 GCTGGTTCAGGAGACGTCGGAACCAGGATCGGCCTTCTTATCCAAGAAATCTGTGAAGCTGCTGGAG
 GTTTGTCTTCTATCTGTGTTCTTCGTGGGTGGCACCTCCATCCTTACCATGAATCATGGTTGTGGTGC
 CCATCATTGTGCTGGGAGAATTACCCACATCAGACCCTGAATTTGTCCCTGTACTGGTGGTACCTCCTGG
 AGCTGGGCTTCTACCTTTCACTGCTGATCACTTTGCCCTTTGATGTCAAACGCAAGGACTTCAAGGAGCA
 GGTGGTGCACCATTTTGTGGCCGTGGGACTGATAGGCTTCTCCTACAGCGTCAACTTGCTCCGCATTGGC
 GCTGTGGTACTGTTGTTGCATGACTGCTCCGACTACCTGTGGAGGGTTGTAAGATTCTCAACTATGCC
 ACTTTAGGCGAGGGTGGCATGCTCTCTTCATCATGTTTGCCTTAGTCTTCTTCTACACGCGCCTCATATT
 CTTCCCCACCCAGGTCATCTACACGTCTGTGTATGACTCCATCAAGAAGTCCGGGCCCTTCTTTGGCTAC
 TACTTCTTTATTGTGCTCTTGGTGTGCTACAGATTCTTCATGTGTAAGTCTGCTCATCTGCGCA
 TGCTCTACAGTTTCTGCATAAGGGTCAGATGACAGAGGACATTCGTAGCGATGTGGAAGAACCAGACTC
 CAGTGTGACGAGCCAGTTTCTGAAGTCCACAGCTGAAGAATGGGATGGCTCGAGGGTCTAGAGTAGCT
 GTTACCAATGGCCCGGAGCCGGCAGCAGCATGCCTGACCAATGGGCACACCCGGCCACATGACAA
 CCTTGGACTGATGTTGAGGGTTGCCGCCAGCATTGTGAATATTACAGATGCTGGGCTGGTATTCTGGGA
 GACAGGGAGGCCCTACCTCAAGGTAGGAAGAAGACTGATGATCTGTTTCCCTTCTGTTTCCCTTTTA
 TCCTTTTGTGAGCAGCTTGACAGAACCCTGGGGGAGCAGTGGACTCTGCATCTGGCCTGAGCCAAACCCAGGC
 TGTAGCTTGGGGCTGTGGGGAGCTTTGGCTCCAAGGACCAATAAAACGTC AACACGCGATGAAAAAAAAA
 AAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_026058
Insert Size:	1182 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).
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:	BC003946 , AAH03946
RefSeq Size:	1557 bp
RefSeq ORF:	1182 bp
Locus ID:	67260
UniProt ID:	Q9D6J1
Cytogenetics:	8 A1.1
Gene Summary:	May be either a bona fide (dihydro)ceramide synthase or a modulator of its activity. When overexpressed in cells is involved in the production of sphingolipids containing different fatty acid donors (N-linked stearyl- (C18) or arachidoyl- (C20) ceramides) in a fumonisin B1-independent manner.[UniProtKB/Swiss-Prot Function]