

Product datasheet for MR206528

Cers5 (NM_028015) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cers5 (NM_028015) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cers5
Synonyms: 2310081H14Rik; AU045339; AW544927; Lass5; Trh4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR206528 representing NM_028015
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGACTGCAGCAGCGGAAACCCTGGGCCTCCTGTGGGGTTGGCTGTGGAGCGAGAGCTTCTGGCTGC
 CTCAGAACGTGAGCTGGGCGGACCTGGAGGGCCCGGGCGACGGCTACGGCTACCCGCGCGCCAGCAGCT
 GCTGTCGGTGTCCCGCTGGCAGTGTGCATCTTCTCCGTGAGGATGCTGTTTGGAGGATTTATTGCCAAG
 CCCTGTGCACTCCGTGTTGGCATTAAAGACAGTCTGTCAATAAGGTGGAACCAATGACACCCTTGAGA
 AGGTGTTCTGATCTGTTACTAAGTATCCTGATGAGAAAAGGTTGAAGGGCCTATCAAAGCAACTGGACTG
 GAGTGTTCGAAAAATCCAATGCTGGTTTTGCCATCGGAGGAATCAGGACAAGCCTCAACGCTCACGAAA
 TTCTGTGAAAGCATGTGGAGATCACTTATTATTTATGTATCTTCTGCTACGGAATCAGATTTCTCTGGT
 CGATGCCTTGGTTCTGGGATACCCGACAGTGTGGTACAACACTACCGTATCAGCCACTCTCGAGAGAGCT
 GTATTACTATTACATCACACAACCTGGCTTTCTACTGGTCTCTTATGTTTTCTCAGTTTATAGATGTTAAA
 AGAAAGGACTTCTGATGATGTTTATTCATCATATGATTGGCATTATGCTCACCCTTTCTCCTACGTC
 ACAACATGGTGGAGTGGGAGCACTCATCTTCTGTCTGCATGACTTCGCAGACCCCTTACTGGAAGCTGC
 CAAGATGGCCAATTATGCCAGACGTGAGCGGCTCTGTACCACCCTTTTGTGATCTTTGGCGCAGCTTTT
 ATAGTTTCTCGTCTAGCAATCTTCCCATTGTGGATTCTGAACACAACCCTTTTGAAGCTGGGAGATTA
 TTGGGCCCTACCCTTCTGGTGGCTCTTCAATGCCCTTCTCTGATCCTGCAGGTGCTCCATGCCATCTG
 GTCCCTACCTAATTGTCCAGACTGCTTCCAAAGCCTTGAGCCGGGAAAGGTGTCTAAGGATGACCGCAGT
 GATGTAGAGAGCAGCTCAGAGGAAGAAGATGAGACAACCCACAAAAACAACCTCTCTGGCAGCAGCTCTA
 GCAATGGTGCCAACCTGCATGAACGGCTACATGGGAGGCAGCCACTTGGCTGAAGAGCAGGGGACTTGTA
 AGCCACTGGCAACCTACATTTTAGGGCCTCCCCACATCTACACTCCTGTGAC

ACGGTACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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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_028015.2](#), [NP_082291.1](#)

RefSeq Size: 2050 bp

RefSeq ORF: 1245 bp

Locus ID: 71949

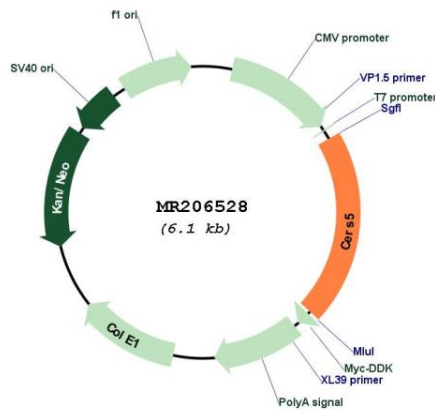
UniProt ID: [Q9D6K9](#)

Cytogenetics: 15 F1

MW: 48.6 kDa

Gene Summary: Dihydroceramide synthase. Catalyzes the acylation of sphingosine to form dihydroceramide, with high selectivity toward palmitoyl-CoA as acyl donor compared to stearoyl-CoA. Inhibited by fumonisin B1.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR206528