

Product datasheet for **MC200572**

Cers2 (NM_029789) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cers2 (NM_029789) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cers2
Synonyms:	0610013I17Rik; AI225939; Lass2; TRH3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC006847 sequence for NM_029789
 CACCGCCCGGGCCTAGAAAGTGGGAAACGGAGTAGCGGCGCCCGGGCCGGAGCAGCTCTGCACCGGACGC
 CGAGATGCTCCAGACCTTGTATGACTACTTCTGGTGGGAACGACTATGGCTGCCTGTGAACCTAACCTGG
 GCTGATCTAGAAGACAAAGATGGACGTGTCTATGCCAAAGCCTCAGATCTCTACATCACACTCCCCTGG
 CCCTGCTCTTTCTCGTATTTCGATACTTCTTTGAGCTTTATGTGGCAACACCCCTGGCTGCCCTCCTGAA
 TGTTAAGGAGAAAACCCGACTGCGGGCACCTCCAATGCCACCTTGAACATTTCTACCAGACCAGCGGC
 AAGCAGCCCAAGCAGGTGGAGGTAGACCTTTTGTACGGCAGAGTGGGCTCTCTGGACGCCAGGTAGAAC
 GCTGGTTCCGCCCGCCGCAACCAGGACAGGCCAGTCTTCTCAAAAAGTTCCGAGAAGCCAGCTGGAG
 ATTCACGTATTACCTAATTGCCTTTGTTGCTGGCATGGCTGTCACTGTGGATAAACCCCTGGTTCTATGAC
 TTAAGGAAAGTTTGGGAGGGATATCCCATACAGAGCATCATCCCTTCTCAGTATTGGTACTACATGATTG
 AACTTTCTTCTACTGGTCCCTGCTCTTCAGCATTGCCTCTGATGTCAAGCGAAAGGATTTAAGGAACA
 GATCATCCACCATGTGGCCACTATCATTCTCTGCTTCTCCTGGTTTGCCAATTACGTCGGGACAGGG
 ACCCTCATCATGGCTCTGCATGACGCTTCTGACTACCTGCTGGAGTCTGCCAAGATGTTAACTACGCGG
 GATGGAAGAACACCTGCAACAACCTCTTATTGTGTTCCGCATCGTTTTTCATCATCACTCGGCTGGTTAT
 CATGCCTTTCTGGATCCTACACTGCACGATGATATACCCACTGGAGCTCTACCCTGCCTTCTTTGGCTAT
 TATTTCTCAATTTTATGATGGCAGTGCTACAGATGCTCCATATCTTCTGGGCTACTTCAATTCTGCGTA
 TGGCCCAAGTTCATAACTGGAAGCTGATAGAAGATGAACGCAGTGACAGAGAAGAAACAGAGAGTTC
 AGAGGGGAGGAGACTGCAGCTGGGGCAGGAGCAAGAGCCGGCTCCTAGCTAATGGCCACCCCATCCTC
 AATAACAATCATCCTAAGAAATGACTGAACCATTGTCTAGCTGCCTCCCACATCAATGCATGAGGCCAAG
 AAAGTACCAAGCTTCCCTTTAGGGGCAATTTGAGCTCTGGGGAGAAAGGATATGAGGAGTCTACACTGAC
 CTCCACTTCTTTTTTACCCAGTTGCCTTTAAACCAGACTCTAACAGCCTATCTCCAGGTAGAAAAGGA
 GGCTTGGCCACATCCACATCCTGTTGAGAGACATAGTCTCATTTCCCTCTCTACCTTCTAAGCTACCTT
 CTTGCTAATCCTTCTTCAGCTCTGAGGGTTGGAATCATAACTCACATTCTCATTCCCTAAGAAATTTGGAG
 CTAGCTGTTTGCCTTTGACTCCCTGACTTCAAGCCAGGGTTGTGCCTTACTGTCCCTTTTCTGGGCCTCA
 TTCTGCCAAAGCTGGACCAAGTTCCATCTTTCTAAGCTCCCTAGCTCAGGCCAAGAAAGAAAGCTGAGC
 TACTTTTTAACTTTCTCTTCTTAAATACAAGTCAATGAAGTGAAGGAGGGTATGCATACATGCCCTCAC
 CCTACCCAGGGACCATGGTTCCTAGGATCTCACTGCCTCCCTCTCTGGCCTTCTGTCCCTCCCTTCA
 GCTATGACAGCTGGTGTGGAGTAGAAGGGCAACTAGTTCTGTTATTTATTGAACATTTGGGGTTTCAGTT
 GTAAAGCCACAACACTACAGGTAGGACCTGATATTCGGCGAGGGACCATTTACAGACCAAAATGTACTGTTA
 ATTTTTTTAATTAAGTATATTAAGGTTAAATAAAACAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_029789

Insert Size: 1143 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:**
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: BC006847, AAH06847

RefSeq Size: 2014 bp

RefSeq ORF: 1143 bp

Locus ID: 76893

UniProt ID: Q924Z4

Cytogenetics: 3 F2.1

Gene Summary: Suppresses the growth of cancer cells. May be involved in sphingolipid synthesis (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.