

Product datasheet for **RN207922**

Cers5 (NM_001108993) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cers5 (NM_001108993) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cers5
Synonyms:	Lass5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207922 representing NM_001108993
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGACTGCGGCGCGGAAGCCCTGGGCTCCTGTGGGGCTGGCTGTGGAGCGGGCGCTTCTGGCTGC
 CTCAGAACGTGAGCTGGGCGGACCTGGAGGGCCGGGCGACGGCTACGGCTACCCGCGCGCCGGCACGT
 GCTGTCCGGTGTCCCGCTGGCAGCAGGTCTCTTCTCCGTGAGGATGCTGTTTCGAGCGATTTATTGCTAAA
 CCCTGTGCACTCCGATTGGCATTGAAGACAGTGTCTACCAGGTGGAATCCAATGTCACCCCTTGAGA
 AGGTGTTACATCTATCTAAGTATCCTGATGAGAAAAGGCTGAAGGGCCTATCAAAGCAACTGGACTG
 GGATGTTGAAAAATCCAATGCTGGTTTCGCCATCGGAGAAAATCAGGACAAGCCTCAACGCTACTAAG
 TTCTGTGAGAGCATGTGGAGATTCACTTTCTATTTTTGTATCTTCTGCTACGGAGTCAGATTTCTCTGGT
 CGATGCCCTGGCTCTGGGATACCCGACAGTGTGGTACAACCTATCCATATCAGCCACTCTCAAGAGAGCT
 CTATTACTACTATCTCACACAGCTGGCCTTCTACTGGTCCCTCGTGTCTCTCAGTTTATAGATGTTAAA
 AGAAAGGACTTCCTGATGATGTTTATGCATCATTTGATCGCCGTCACGCTCATCAGTTTCTCCTACATCA
 ACAACATGGTGGCAGTGGGAGCCATCATCTTGTGTCTGCATGACTCCGCCGACTCCTTGCTAGAAGCTGC
 CAAGCTGGCCAATTACGCCAGACAGGAGCGGCTCTGTAACACCCTCTTTGTGATCTTTGGTGCAGCTTTT
 ATGGTTACTCGTCTAGGGATCTTCCCTTTGGGATTCTGAACACAACCCTCTTTGAGAGCTGGGAGATTA
 TTGGGCCCTTTCCCTTCTGGTGGCTCTTCAATGGCCTCCTCTGATCCTACAGATGTTGCATGTCATCTG
 GTCCTACCTAATCGCACGAAGTCTTTAAAGCCTTGGTCCGGGGCAAGGTGACCTACCCAGGAGGGATT
 AGCCCCGGCTCTGTACCCTCTGCTTTTTCTCACCTCCTCCTCTTTCTATGCCTGGTGGCAGCTGGAC
 AGTCCCATCCTCTGCATGTGTCTAAGGATGACCGCAGTGATGTAGAAAGCAGCTCAGAGGAAGATGAGAC
 CACACACGAAACAACCTCTCTGGCAGCAGTTCCAGCAACGGTGCCAACCTGCATGAACGGCCGATGGGA
 GGCAGCCACTTGCTGAGGAGCAGGGGACTTGTAAAGCTGCTGGCAACCTACACTTTGGGCCTCCCCAC
 GTATACTCCTGTGACT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001108993
- Insert Size:** 1350 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: NM_001108993.1, NP_001102463.1
RefSeq Size: 2655 bp
RefSeq ORF: 1350 bp
Locus ID: 366984
Cytogenetics: 7q36