

Product datasheet for **RN202736**

Frs2 (NM_001108097) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Frs2 (NM_001108097) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Frs2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202736 representing NM_001108097
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTAGCTGTTGTAGCTGTCCAGAGAAAGACTGTCCAGATAACCATCGGAACAAGTTTAAGGTCA
 TTAATGTGGATGACGATGGGAATGAGCTAGGCTCTGGTGAATGGAGCTCACAGACACGGAGCTGATTCT
 GTATACCCGAAAACGCGACTCGGTGAAGTGGCACTACCTCTGCCTACGACGATATGGCTATGACTCAAAT
 CTATTTCTTTTGAAGTGGTCGAAGGTGTCAAAGTGGACAAGGAATTTTGTCTTTAAATGTGCCCGTG
 CAGAAGAATTATTAACATGTTGCAAGAGATTATGCAAAATAATAGTATAAATGTGGTGGAAAGAGCCCGT
 TGTAGAAAGGAATAGTCATCAGACAGAATTGGAAGTCCCTAGAACACCTCGAACACCTACAACCTCCAGGG
 CTTGGTGCTCAGAGCCTACCTAATGGGTATCCTCGATACCCCTCGTTCGGAGACGCTTCATCCACCCT
 CAAGCCGGCATCCTTCTGTGGGAAGTCCCGCTTACCTTCAGTCGGCGAAGAGTCCACACACCTTTGCT
 GGTGGCTGAGGAACAAGTACATACTTATGTAACACTACAGGTGTACAAGAAGAACGGAAAAACCGTGCC
 AGTGTGCACATCCCCCAGAGGCAAGAGTTTCTAATGCCGAAAGCAACACACCAAAAAGAAGGCCAAGTA
 ATACTGAAGACAGGGACCCGCACGTGCTTCTTAAGCCTGAAGCGCTCAAGTTTGTTTTAGGACCAACCCC
 TGTTTCAGAAGCAGTTAATGGAAAAGGAGAACTGGAGCAGCTTGGAAAAGACCAAGTCAGTGGGAGTGGT
 GCGAGTAGCACGGAATGGGACACTGGCTATGACAGCGATGAACGCAGAGATGTGCCCCCTGTTAACAAC
 TGGTGTATGAAAATATAAACGGGCTGTCTATCCCTAGTGCCTCAGGGGTGAGGAGGTCGTCTGACATC
 TACCAGCACCTCAGACACCCAGAATATCAACAACCTCAGCGCAGAGAAGACCTGCACTATTAACCTATGAA
 AATTTACCATCTTTGCCCTCTGTGTGGGAAGCCCGCAAGCTCAGTAGGGATGAAGACGACAATTTAGGAC
 CAAAGACCCCATCTCTAAATGGCTACCAATAAATCTAGATCCAATGCATAACTATGTTAATACAGAGAA
 TGTAAACAGTGCCCGCAAGTGCTCACAAAATAGACTGTTCAAGGCGTAGGGATTGCACACCCACAGTCTTT
 AACTTTGATATCAGGCGCCCTAGTTTAGAACACAGGCACTCAATTATATACAGGTGGACTTGAAGGGG
 GCAGTGACTCTGACAACCTCAGACCCCAAAAACACCGACCACTCCCTCCACAGACCCCAACCCGGCG
 CACAGAGCTGTATGCCGTGATAGACATTGAGAGAACTGCTGCTATGTCCAACCTGCAGAAAGCGTCCCT
 CGGGATGACGGCACGTCCAGGAAGACTAGACACAATAGTACTGACCTGCCCAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108097
- Insert Size:** 1527 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_001108097.3](#), [NP_001101567.2](#)

RefSeq Size: 6555 bp

RefSeq ORF: 1527 bp

Locus ID: 314850

Cytogenetics: 7q22