

Product datasheet for **RN211171**

Swap70 (NM_001106288) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Swap70 (NM_001106288) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Swap70
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211171 representing NM_001106288
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGGGCTTGAAGACGAACTGCTCAAAGCCATCTGGCAGCCTTCACCGCGCTCGACCTGGACC
 GCGGCAAGGTCTCCAAGTCGCAACTCAAGTCTTTCCATAACCTGTGCACGGTCTGAAGTTCCACA
 CGACCCTGTTGCCCTTGAGGAGCACTTCCGGGATGACGATGAGGGGCTGTCTCCAATCAGGGCTACATG
 CCATATTTAAACAAGTTCATTTTGGAAAAGGTCCAAGACAACCTTGACAAGATTGAATCAATAGAAATGT
 GTTGGACCCTCTGTGTAAGAAAACCTCACAAGAGTCCACTCCTTATTACAGAAGATGATGCATTCAA
 AGTGTGGGTCACTTTCACTTTTGTGCGGAGGACAAGTATCCATTAATTATTGTGCCAGAAGAGATCGAA
 TACCTACTTAAGAACTTACAGAAGCTATGGGAGGAGTTGGCAACAAGAGCAATTTGAACATTACAAA
 TAACTTTGATGACAATAAAGATGGCCTGTCTGCCTGGGAACCTATTGAACTAATTGAAATGGACAGTT
 TAGCAAGGGCATGGATCGTCAGACAGTGTCTATGGCCATTAATGAGGTCTCAATGAGCTTATTTTAGAT
 GTATTGAAACAGGGTTACATGATGAAGAAAGGCCACAAACGGAAAACTGGACTGAGCGCTGGTTTGTAT
 TAAAACCAACATAATTTCTACTATGTGAGCGAGGATCTGAAAGATAAGAAAGGAGACATCATGTTGGA
 TGAAACTGCTGTGTGGAGTCTCTGCCTGACAAAGATGGAAGAAATGTCTTTTCTAATAAAATGCTTT
 GATAAGACCTTTGAAATCAGTGCCTCGGATAAAGAAGAAGAAACAAGAATGGATTACAGCCATCCATTCTA
 CCATCCATCTGTTGAAGCTGGCAGCCCCCACCACACAAGGAAGCCCGCAGCGTCGGAAGAGCTCCG
 AAGGAAGCTGCTGGCAGAGCAGGAGGAGCTGGAGCGGCAGATGAAGGAGCTCCAAGCGCCAATGAAAAC
 AAGCAGCAGGAGCTGGAGAGTGTGCGGAAGAACTGGAGGAAGCAGCATCTCGTGCCGAGACGAGGAAA
 AGAAGCGCCTGCAGACTCAGGTAGAGTACAGACCAGTTTCAAGCAGAGTTGGAGCGGGAGAAGCTGAT
 CAGACAGCAAAATGGAGGAGCAGGTTGCCAGAAGTCTCTGAACTGGAGCAGTATCTGCAGCGAGTTCGG
 GAGCTGGAAGACATGTACCTAAAGCTGCAGGAGGCACTGGAGGACGAGAGGCAGGCCCGGCAGGATGAAG
 AGACTGTGCGCAAGCTTCAGGCCAGGCTGCTGGAGGAAGAGTCTTCTAAGAGGGCAGAGCTGAAAAAGTG
 GCACCTGGCACAGCAGCAGGCCATTAGACAACAGAGGCGGAGAAGCAGGAGTTGGAACAGCAGCGTGTCT
 CTGAAGGAGCAGGCCCTGCAGGAGGCCATGGCACAGCTGGAGCAGCTGGAGTTGGAGCGGAAGCAGGCC
 TGGAGCAGTATGAGGGAGTCAAAGGAAGCTAGAGATGGCAACAATACGACCAAGAGCTGGAAGGACAA
 AGTGGCCCATCATGAGGGATTAATACGCTTGATAGAACCAGGTTCCAAGAACCCTCACCTGATCACCAAC
 TGGGGACCTGCAGCATTCACGCAGCAGAGCTCGAGGAGCGAGAGAAGAGCTGGAAGAGAGAAGACCA
 CAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001106288
- Insert Size:** 1758 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_001106288.1](#), [NP_001099758.1](#)

RefSeq Size: 3871 bp

RefSeq ORF: 1758 bp

Locus ID: 293410

Cytogenetics: 1q33