

Product datasheet for RN217574

Sympk (NM_001100830) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Sympk (NM_001100830) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Sympk |
| Synonyms: | Hfn3g |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >RN217574 representing NM_001100830 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAAGCGGCAGCGGGACAGTGTCAACCGCCGGAGTGTGGCATCACAGTTTTTCACACAAGAAGAAG
GGCCAGGCATTGATGGCATGACCACTTCTGAAAGGGTGGTAGATCTCTGAACCAGGCTGCGCTGATCAC
CAATGACTCAAAGATCACAGTGTCAAACAGGTCCAAGAGCTGATCATCAACAAGGACCCACCCTGCTT
GACAACCTCTGGACGAGATCATCGCTTCCAAGCAGACAAGTCCACTGAAGTGGCAAGTTTGTATTG
GCTTCATCGAGGAGGCATGCAAGCGGGACATTGAGCTGCTGCTAAAAGTATCGCCAACCTCAACATGCT
ATTGCGGGATGAAAACGTGAATGTGGTAAAGAAGGCCATCCTCACCATGACCCAGCTCTACAAGGTGGCC
CTGCAGTGGATGGTGAAGTCTCGGGTCATCAGCGACCTCCAGGAGGCCTGCTGGGACATGGTGTCTCCA
TGGCTGCAGAAATCATACTGCTCTTGGATTCTGACAATGATGGCATCCGTACACATGCCATTAAGTTTGT
GGAGGGCCTCATTGCTACTCTGTCAACCCGAATGGCTGACTCAGAGGTCCCCGACGCCAGGAGCATGAC
ATCAGTCTGGACCGCATCCCTCGAGATCACCCCTACATCCAGTACAATGTCTATGGGAAGAAGGCAAGG
CAGCTCTGGAGCAGCTTCTCAAGTTCATGGTGCACCCCGCCATCTCTCCATCAACCTGACCACAGCGCT
CGGCTCCCTTGCCAACATCGCCCGCCAGAGACCCATGTTTCATGTCTGAGGTGATCCAGGCCTATGAGACT
CTGCATGCCAACCTGCCCCAACACTGGCCAAGTCCCAGGTGAGCAGCGTGCCTAAGAACCTCAAGCTGC
ACTTGCTGAGCGTGTCAAGCACCTGCCTCCTTGGAGTTCCAGGCCAGATCACCACCCTGCTGGTGGGA
CCTGGGCACGCCAGGCGGAGATTGCCCGTAACATGCCTAGCAGCAAGGACTCCCGCAAGCGGCCCGG
GACGATACAGAATCCACGCTCAAGAAGATGAAGCTGGAGCCCAACCTGGGAGAAGATGATGAGGACAAAAG
ACTTGGAGCCTGGCCATCGGGGACATCAAAGGCCTCAGCCAGATCTCAGGCCAGTACAGACACAGACAT
CACTGCTGAGTCTTGCAGCCTCTGCTGACACCTGACAATGTGGCAATCTGGTCTCATCAGCATGGTG
TACCTGCCGAGACCATGCCTGCCTCCTCCAAGCCATTACACCCCGTGGAGTACGAGGCACAGAAG
CCCAGATCAAGCACCTGGCACGGCTCATGGCCACACAGATGACAGCTGCGGGACTGGTCTGGTGTGGA
ACAGACGAAACAGTGCAAGGAGGAGCCCAAGGAGGAGAAGGTGGTAAAGCCGGAGAGCGTCTGATCAA



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CGGCGCCTGTCACTGCAGGGCCAGGCCATCTCTGTGGTGGGCTCTCAGAGCACCATGTCCCCCTTGAGG
 AGGAAGTACCCAGGCCAAGAGGAGGCCAGAACCATCATTCTGTACACAGCCACGGCTGGCAGGCGC
 TGGTGGGCGCAAGAAGATCTTCCGTCTGAGCGATGTGCTGAAGCCCCTGACAGATGCCAGGTGGAAGCC
 ATGAAGCTGGGAGCTGTGAAGCGGATCTGAGGGCTGAGAAGGCTGTAGCCTGCAGTGGGGCGGCCAGG
 TGCGCATCAAGATCCTGGCCAGCCTCGTGACACAGTTCGACTCCGGATTCAGGCCAGAGGTGCTGCCTT
 TATCCTGGAAGACGTCCGGGCCCTCTGGACTCTGGACAAGTATGAAGACTGCCTTATCTGCCTGCTCTGGACTTC
 CTGGCAGCGGGCCCTCTGGCACTCTGGACAAGTATGAAGACTGCCTTATCTGCCTGCTCTGGACTTC
 AAGAGAAACCAGACCAGAAAGATGGGATCTTTACCAAGGTGGTTTTGGAGGCCCGCTGATCACTGAGAG
 TGCTTTGGAGGTGATACGGAAGTACTGTGAGGATGAGAGTCGCGCCTACCTGGGCATGTCGACACTTGGA
 GACCTGATCTTCAAGCGCCCTTCTCGCAATTCCAGTATCTGCACGTTCTCCTCGACCTCAGCTCTCACG
 AGAAGGACAGGGTGCCTCCAGGCCCTGCTCTTCAAGCGCATGTATGAGAAGGAGCAGCTTCGAGA
 ATATGTGGAGAAATTTGCCCTCACTACCTGCAGCTCCTGGTCCACCCCAACCCACCTCAGTGTGTTT
 GGAGCTGACAAGGACACAGAGGTGGCTGCGCCCTGGACAGAGGAAACAGTGAAGCAGTGTGTTGTACCTAT
 ATCTGGCTCTCCTGCCTCAGAACCACAAGCTGATCCATGAGCTGGCAGCAGTGTACACGGAGGCCATCGC
 CGACATCAAGCGGACAGTGTGAGAGTCAATTGAGCAACCGATCCGAGGGATGGGCATGAAGTCAACAGAG
 TTGCTGCTGCTGGTGGAAAAGTGTCCAAAGGGGGCAGAGACGCTGGTCAACCGCTGCCTGCACAGCCTCA
 CTGACAAAGTGCACCATCCCCAGAAGTGGTGAAGCGGGTCCGGGACCTGTACCACAAGCGGCTGCCTGA
 CGTGCCTTCTCATCCCTGTGCTCAACGGCTTGAGAGAAGAAAGAGGTGATCCAGGCCCTGCCTAAGCTC
 ATCAAACCAACCCCATTTGGTGAAGGAGGTCTTCAACCGCCTGCTAGGCACCCAGCATGGGCCCTGTG
 TGGTAGAGGTAGAGAAGCTTGGGGAGTGGGGTCCCACTTAATGAGGGACATCCAGGCAGAGAGGAGACA
 GGCCACTCTCCGCTCCTCACAGCCACCAACCTGTGTTTTGCGGAGCGGAATGTGTACACATCGGAAGTG
 CTGGCTGTGGTGTGACAGCAGCTGATGGAGCAAAGCCCTGCCCATGCTGCTCATCGGGACCGTCACTCC
 AGTCCCTGACCATGTACCCCGCCTGGGGGCTTCGTGATGAACATCCTGGCCCGGCTCATCATGAAGCA
 GGATGGAAGTACCCCAAGGTATGGGAGGGCTTCATCAAGTGTGCCAGCGCACCAAGCCCCAGAGTTTC
 CAGGTATCCTGCAGTACCTCCACAGCAGCTTGGCGCAGTCTTTGACAAGTGCCTGAGCTCCGGGAGC
 CACTGTTGGCCATGTGCGCTCCTTACCCCCACCAGCAAGCACACATCCCAACTCCATCATGACAAAT
 CCTGGAGGCCAGTGGCAAGCAGGAGCCGGAAGTCAAGGAAGCACCTTCAGGGTCCCTGGAAGAGGATGAC
 CTGGAGCCCTTGCTCTGGCCTTGCCCGGCTTTGGCCCGGCCCTGCCACGGCCCTCAGGACC
 TCATCGGCCTTCGATTGGCTCAGGAGAAGGCCCTGAAGCGGCAGCTCGAAGAAGAAGCAGAAGCAGAAGCC
 CACAGGCGTCCGAGCGCCCACTTCTCAGTGTCTCGACACCCTTGGTGGGGCCAGCAGCCCGAGCTGGT
 CCCACCCCGGCTGAGGAGTTATGGAATACCGGAGGAAGTCTGAATGCGAGACCCCGGCCATCTTCA
 TCAGCATGGACGACGACTCAGGGCTGGCCGAAACCACTTCTGGACTCTAGTCTCGAGGGACCCCTGCC
 TAAGGAGGCAGCAGCAGTCCGACCGAGCTCCAAGGACGAGCGGAGCCCCAGAACCTCAGCCATGCTGTG
 GAAGAAGCCTGAAGACCTCCAGCCAGAGGCCAGGGAACCCGAGAGCAAGGGGAACAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites: SgfI-MluI
- ACCN: NM_001100830
- Insert Size: 3843 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).
- OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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| 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: | <ol style="list-style-type: none">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: | <u>NM_001100830.1, NP_001094300.1</u> |
| RefSeq Size: | 4031 bp |
| RefSeq ORF: | 3843 bp |
| Locus ID: | 292683 |
| Cytogenetics: | 1q21 |