

Product datasheet for **RN211763**

Shpk (NM_001033682) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Shpk (NM_001033682) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Shpk
Synonyms:	Carkl
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211763 representing NM_001033682
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTTCGCGACCCGTCCTCTCGGTATCGACTTGGGCACCACGTCGGTAAAGGCCCCCTCTGGAGG
 CTGCACCCGGCCACCCATCCGGGTTTCGTGGTGTGGCGAGCTGCGCCGGGCTGCGGGGCAGAGACCGA
 GAGCGCGGCTGCCGGACCCAGGGGCGGGAGCAGGATGTGACTAGAATCATCCAAGCTCTAAATGAATGC
 CTTGATGCCCTTCCCGGAGGCAGCTCCAGAGAGTCCGGGCCATCGGAGTGTGAGACAGATGCATGGCA
 TCCTATTTTGGAAAACAGGCCAAGGCTGTGAATGGACAGAGAGAGGGTCTGCCCTGTATTTGAACCCAG
 AGCCGTGAGCCATTTGGTACATGGCAGGATAACCGTTGTAACAGTGGTTTCTGGCTTCTCTGCCCAAG
 CCAGCATCCCATCTCAGCGTGGCCACAGGATTCGGCTGTGCAACCATCTCTGGCTTTTGGAAAACAGCC
 CGGAGTTTCTGAAGTCTATGACGTGGCTGGCACCATTCAAGACTATGTGGTTGCTATGCTGTGGCTT
 GCCAAGACCCCTGATGTCTGACCAGAACGCTGCTAGCTGGGGCTATTTTAAACCCAGAGCCAGAGCTGG
 AACTCGGACATACTGCAAATGGCAGGTTTTCTACCCACCTTCTCCCGACATTGCAGAGCCAGGCAGCT
 TGGCAGGCAGAATTCTCACACGTGGTTTGAATCCCAGCAGGGACGGAGGTGGGCGTAGCCCTGGGTGA
 CTTACAAGCCTCTGTCTATTCTGCATGGGCCAAAGGACTGATGCAGTTCTCAACATCAGCACCTCGGTC
 CAGCTGGCAGCCTCCATGCCCGTGGGGTCCAGCCACCGCAGACTCCGGATCCTGCAGCCCCAGTCGCT
 TCTTCCCTTACTTCGACAGGACCTACCTAGGCGTGGCAGCGTCACTCAACGGAGGCAATGTGCTGGCCAC
 GTTTGTCCACATGCTTGTTCAGTGGATGACAGACCTAGGCTGGAGGTGAAGAATCCACTGTCTATTCA
 CGCATGATCCAGCGGGCTGCACAGCAGAAAGATACCCATCTCACCATCACCCAACAGTGTGGGGGAGA
 GGCACCTGCCAGACCAGCTGGCCTCTGTGACTAGAATCTCCTCCTGACCTTTCCCTGGGCCATGTGAC
 CCGGGCCCTATGCAGAGGCATTGTTGAGAACCTGCACTCCATGCTTCTTTTCAACAGCTCCAAGAGTGG
 GGTGTGGAACGGGTGGTGGGGAGTGAAGTGCATTGTCCAGGAATGAGGTCTGAAGCAGGAGGTCCAGA
 GGGCATTTCCTTTCCAGTGTGCTTTGGCAGGATGTAGATGCAGCCTTCGGGGCAGCTTTGGTCATGCT
 CCGGAGAGACATCAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001033682
- Insert Size:** 1419 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_001033682.1](#), [NP_001028854.1](#)
RefSeq Size: 2794 bp
RefSeq ORF: 1419 bp
Locus ID: 287479
Cytogenetics: 10q24