

Product datasheet for **MC216421**

Shpk (NM_029031) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Shpk (NM_029031) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Shpk
Synonyms:	4930431K22Rik; AI194947; AW260459; Carkl
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC216421 representing NM_029031
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTTCGCGACCTGTCACTCTCGGTATCGACTTGGCACCACGTCCGTGAAGCCGCCCTATTGGAGG
 CTGCACCAGCCTCCATCCGGTTCGTGGTGTGGCGAGCTGCGCCCGGCTGCGAGGGCAGAGACTGA
 GAGCGCGTGGCCGGGCCAGGGGCGGAGCAGGATGTGACTAGAATCATCCAAGCCCTAAATGAATGC
 CTTGATGCCCTTCCCGGCAGCAGCTCCAGAGAGTCCGGGGCATCGGAGTGTGGGACAGATGCATGGCA
 TCCTATTTTGGAAAGCAGGCCAAGGCTGTGAATGGATGGAGGGAGGGCCTGCCTTTGATTTGAGCCAG
 AGCTGTGAGCCACTTGGTACATGGCAGGATGGCCGTTGTAACAGTAGTTTCTGGCTTCTCTGCCCAAG
 CCAGATCCCATCTCAGTGTGGCCACAGGATTCGGCTGTGCAACCATCTCTGGCTTTTAAAAACAGCC
 CGGAGTTTCTGAAGTCTATGATGCAGTGGCACCATTCAAGATTATGTGGTTGCCATGCTGTGTGGCTT
 GCCAAGACCCCTGATGTCTGACCAGAATGCCGCTAGCTGGGGCTATTTTAAACCCAGAGCCAGAGCTGG
 AACTTGGACACACTGGAAAAGGCAGGCTTTCCTATCCACCTTCTCCCGACATTGCAGAGCCAGGCAGCA
 TGGCAGGCAGAATTCTCACACATGGTTTGAATCCCAAAGGGGACACAGGTGGGCATAGCCCTGGGTGA
 CTTACAAGCCTCTGTCTATTCTGCATGGGCCAAAGGACTGATGCAGTTCTCAACATCAGCACCTCGGTC
 CAGCTGGCAGCCTCCATGCCTGTGGATTCCAGCCACTGCAGACTCCGGATCCTGCAGCCCCAGTTGCCCT
 TCTTCCCTTACTTCGACAGGACCTACCTAGGGGTGGCAGCGTCACTCAATGGAGGCAATGTGCTGGCCAC
 GTTTGTCCACATGCTTGTTCAGTGGATGGCAGATCTTGGTCTGGAGGTGAAGAATCCACTGTGTATTCA
 CGCATGATCCAGGCGGCTGCACAGCAGAAAGACACCCATCTCACCATCACCCAACAGTGTGGGGGAGA
 GGCACCTGCCAGACCAGCTGGCCTCTGTGACTAGAATCTCCTCCTGACCTCCTCTGGCCATGTGAC
 CCGGGCCCTCTGCAGAGGCATCGTTCAGAACCTGCACTCCATGCTTCTTTCCAACAGCTCAAAGAGTGG
 GGTGTGGCCCGGTGGTGGGAGTGGGAGTGCAGTGTCCAGGAACGAGGTGCTGAAGCAGGAGTCCAGA
 GGGCGTTTCTTTCCAGTGTGCTTTGGCAGGATGTAGATGCAGCCTTTGGGGCAGCTCTGGTCATGCT
 CCAGAGAGACCTTAGCCAGAAGGAGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_029031
- Insert Size:** 1431 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_029031.3, NP_083307.1](#)
RefSeq Size: 2781 bp
RefSeq ORF: 1431 bp
Locus ID: 74637
UniProt ID: [Q9D5J6](#)
Cytogenetics: 11 B4
Gene Summary: Acts as a modulator of macrophage activation through control of glucose metabolism.
[UniProtKB/Swiss-Prot Function]