

## Product datasheet for **MC222303**

### Sh3rf3 (NM\_172788) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sh3rf3 (NM_172788) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sh3rf3
Synonyms:	4831416G18Rik; Igfbp5-ip; Sh3md4; Sh3rf31
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC222303 representing NM\_172788  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTGCTTGGGGCGTCCTGGCTGTGCGCGTCCAAGGCGCGGCCACCGAGCTCGGGGCGAGGGCGAGG  
 ACAGGCAGGGTGAGCAGCAGAGGGGGGCCAGGCGAGGACTGAAGAGGATATGGACGAATCATCGCTGCT  
 GGATTTGCTGGAATGCTCTGTGTGCTGGAGCGCTGGACACTACGGCCAAGGTGTTGCCATGCCAGCAC  
 ACCTTCTGCCGACGCTGTCTGGAGAGCATCGTGTGCTCGCGCCACGAACACTCGTTGTCCCAGTGCCGCA  
 TCCTGGTGGGCTGCGGTGTGGACGAGCTGCCGCCAACATACTGCTAGTGCCTGCTGGATGGCATCCG  
 CCAGAGGCCCGCACGGGTGCCAGCCCGGGGAGCAGCCCTCCCGCGCCCGGGCCCGGTACGTTCTCA  
 GCGCTCGTGGTGGCGTGGAGGGGCGACAGGCAGTCCCCGTGTTCTCCGGTCTTCTCTCAGCGGCCG  
 CAGGCAGCTCTACCTCCAGTTTGTGCGACGTGGCGACTAATAGGAGTGTCCAGTGGCTAAGACTCTATC  
 CCAGCTTCCCTATGCCAAGGCGCTCTACAGCTACGAGGGAAAGAACCTGGTACCTCAAGTTCAACAAA  
 GGGGACATCATATCCTGAGACGCAAGGTTGACGAGAAGTGGTACCACGGCGAGCTGCAGGGCATGCACG  
 GTTTCCTCCCAGCCAGCTACATCCAGTGTGTGAGGCCCTTGCCGACGGCTCTGCCCAAAGGCAAAGCACT  
 TTATGATTTTGGAGATGAAGGACAGAGACCAAGCAAAGATTGTCTGACCTTCACTAAGGACGAAGTTTAA  
 ACTGTGATCCGGAGAGTGGATGATAATTGGGCTGAAGGCATGCTAGGAGACAAGATCGGCATCTTCCCTC  
 TCCTGTACGTGGAGCTCAATGACTCTGCCAAGCAAACCTATTGAGATGGACAAGCTGTGCCCTGTGCCAC  
 CACTGCCTACAATATGATGCCCTTTGTCTCTGACCCAGCACAGTAGCCAGTGTGGCCCTGGTCCC  
 ACCCTAAGTAGCTCAGGGGACGTCAGTGCCTTTCAACGACGTGTGGACAGCAAGAAGAATGCCAAGAAGC  
 GCCACTCCTTCACTGCGCTCAGCTGACGCAAAATCCTCACAGGCTGCCAGTACAGGCAGCTTCCCAT  
 AATTAGTGTCTCCGGTGTGATCAGCTCCAGCGACCCGCGTGGCCGAGCCAGGATTGGGGAGCTTGCCTAT  
 CTGTCTGCACTGTCCCAACCCAGGACTCCTCTCCGCTGGACCTGTCCCAACAGCCCTCCACAGGCTG  
 CTGCACTGGTGGAGAACAGGGCATGTCTCCAAAGTCCAGTGCCTTCAACGTGTACCTGGCTCTCTA  
 TGCATACAAGCCCAAGAAGAATGATGAGCTGGAGCTACGCAAGGGGAGATGTACCGTGTCTCGAGAAG  
 TGCCAGGACGGCTGGTTCAAGGGAGCCTCACTAAAACAGGCGTCTCGGGGTATTCCCGGGAATATG  
 TGACGCCCGTCTCCAGAGTTCCTGGAGGAGGGCTGGGTACCCTGGAATAATGTCTTGGAGGGTCTCC  
 ACTGGCCAAGGGCATGGCCACCATATGCACCTGGAGGTGGAAGTCTGAGCAGCCAGCCACTGCCGCC  
 AGGTCTGCCCTGCCTCTACCACACTACAGGATCATATGCAGCACCCAGCCACCTCCCTTCCAACCGGCA  
 GCTGCCTTCGGCACTCAGCCCAACCAACAGCCAGCCAGGCGGGGATACCACCATCCAACAGCTACCCA  
 TGCCCTCTGCCAGGCCCTGGACCGGCAACTGCCACCGTGTACCCCTGGCAGCTCAGACTTCTCCATCC  
 CGCCTGCCAGCACCGGCTGAGACCCCGCTCTGTGGCGTCCCCACAGCATGGCCAGCAGTCCCCGGCAC  
 AGATGTGTCCCGGCCAGCCATCCCTTTCACATCAGCGGCTCCGCCATCACACCCCAATGTCAGTGC  
 AGCCAATCTGAGCGGGGAGGTCCGAGGGACACCCATCAGCGGCTGTCCACCCAGCCTCATCAACACG  
 GGCTTCAAGCCAGATGACAAGAAAAACGAAAAGAGGAGAAAAAGAGCGGCTGCTGAAGCTGCTGGCTG  
 GGGCTCGACCAAGAAGAAGTACGCTCCCGCCATCTGTATCTCAACCCATGACCCCAAGTCCGGCCAT  
 GGATACCTCACTTCAGGGTGCCATGGGCCCCGAAGTGTCCCATTGACCGTCCATGGCAGGACAGTTCC  
 TGCCCCATAGAGAGTGAAGTGCAGGGTGCCATTGGGTTGGAGCCACTGCACAGGAAAGCAGGCTCCTTGG  
 ATCTGAATTTCTTTGTCCCGCTCTCGCAAGCAACTCTGTCCATGGCTTCCATTGCGCCTGAACCTAA  
 GCCACTGCCAGAGAGAGGTACCGTGTGGTGGTCTCTACCCTCCACAGAGTGAAGCGGAGATCGAGCTA  
 AAGGAAGGTGATATCGTCTTCGTGCACAAGAAGCATGAAGACGGCTGGTTCAAGGGGACACTGCAGCGGA  
 ATGGCCGACAGGTCTTCCAGGCAGCTTTGTGGAGAGCTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_172788  
**Insert Size:** 2637 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_172788.3</a> , <a href="#">NP_766376.2</a>
<b>RefSeq Size:</b>	5796 bp
<b>RefSeq ORF:</b>	2637 bp
<b>Locus ID:</b>	237353
<b>UniProt ID:</b>	<a href="#">Q8C120</a>
<b>Cytogenetics:</b>	10 B4
<b>Gene Summary:</b>	Has E3 ubiquitin-protein ligase activity.[UniProtKB/Swiss-Prot Function]