

## Product datasheet for **MC221636**

### Sh3d19 (NM\_001082414) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sh3d19 (NM_001082414) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sh3d19
Synonyms:	AW011754; Kryn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221636 representing NM\_001082414  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAACATTATGAACACAGAACAAGCCAAAATACTATTGTTTCCAGGATCAAAGCATTTGAGGGTCAGA  
 CGAACACAGAAATCCCAGGACTGCCAAGAAACCCGAGATTATCCCCGACGATTCCCCGAAGCCTGC  
 TGTTTCTCAGGGAAACCTTAGTGGCACCCAAGCCAGCTGCTAACAGAGCTTCTGGGGAATGGGACACA  
 TGGGCCGAAAACAGGCTCAAGGTGACTTCCAGAGAAGGGCTCACGCCATACTCATCGCCACAAGAAGCCG  
 GAATCACCCAGTAACCAAACCTGAATTGCCAAAGAAACCAACTCCTGGCCTTACACGAAGCGTGAACCA  
 TGAGACTTCTGGAGGAAGACCCATGGCGGAGAGCCCGATACGGGGAAGAAAATCCCAACTCCTGCTCCC  
 CGGCCTTTGCTGCCGAAAAAATCAGCCTCCACAGATGCCCCACCGTACCCTTCGATTCCACCGAACTGG  
 TTTCTGCCCGCCCGACTCTCAGTAGCATCACAAGCCAAAGCGTCCGGTCACTTGAGAAGGGCTGCC  
 ATCCAATCCCCAGTTCAGCACACAGAGCAAAGCCCTGGGGGACATCGACCTCATCAGCTTTGACGAT  
 GACGTATTGCCACCTCGGGGAGCCAGCTGAAGAACCACAGGTTCTGAGACGGTTCTAGATCCCTTTC  
 AGCTCCCCACAAAACAGAAGCAACAAAAGAAAGACCCGTTTCAGCCGGCGCCACCAGGAAGCCTACTGT  
 AATACGAATCCCAGCCAAACCAGGAAAATGTTTACATGAGGAACCACAAAGCCACCTCCTCTTCTGCC  
 GAAAAGCCAGTTGGGAATACTCAGAGTGCAGTGTCTGGAAGGCCAGTCACTCTGACAGAAGTAGAAACC  
 CAGAAGTGGAGCAAGCCAGCGAATCGGGAGGCTTGGTACAAGGACCCCCAGGTTGCCACCAAGACCTGT  
 ACATGGAAAAGTCATTCCAGTTTGGAGGCCCTCCCCAAAAGGGGGCCCTGAGAGACCACCACCCCTAAA  
 CTTCTGCATCCAAATCATCAAAATAAAATCTGCCTTTTAAACCGCTCCTCTGACATGGATCTTCAGA  
 AGAAGCAAAGCCACTTTGTATCTGGACTCTCAAAGCCAAGAGTCAAATCTTTAAAACCAAGATCCGGT  
 GCTACCCCTCGTCCCAACCCGGACACCTCTCTACAGGAAATACATGCTGTCTGTGCCTCATGGAATT  
 GCCAATGAAGACATTGTCTCCGAAACCCACGGAACCTCTTGTAAAGCGTGGGGATGTCCTTGTGATCC  
 TGAAGCAGGCAGAAAATAATTACTTGGAAATGCCAACGGGAGAAGGCACCGGCAGAGTCCACCCATCCCA  
 GATGAAGATTGCACTCCCTGGACGAGCGCCGAGAGGCAGACCTAACGATTACGGCCACAGTCAGAAG  
 CCTGTAGACAGTGGTCTCCTCACGCTGTGGCTTTCATGATTTCCAGCAGAGCAAGCTGACGATCTGA  
 GTCTCACATCTGGAGAGATTGTTTATCTTCTCGAAAAAATAGATGCAGAGTGGTACAGAGGGAAATGTAG  
 GAACCAGACTGGCGTGTTCCTGCCAATACGTCAAAGTCATTGTTGATATTCCAGAAGGAAGAAGTGA  
 AAAAGAGAATCCTTTTCATCTCACTGTGCTAAAGGCCACGTTGTGTCGACGGTTTGAGTATTTGGAG  
 ACCAGAAGGATGAGTTAAGTTTCTCAGAGGGAGAAGTCATTATTCTCACAGAGTACGTGAATGAAGAATG  
 GGGCAGAGGAGAGATTCCGAGACCGGAGCGGGATCTTCCCCTGAATTTTGTGGAGCTTGTGGGGATCAC  
 CCCACATCTGGTGCAAAATATTTAAGTACAAAGGTGCCACCAAAGACCAAAAACGAAGACCTGGCTCAA  
 ATTCTCAGGACAGCAGCCCTCCTGGAGAATGGTGCAAAGCTCTTACAGTTTCCAGCAGAGACCAGCGA  
 GGACTTACCCTTCAAACGCGGAGATCGGATCCTGATCCTTGAACGCTTAGATTCCGACTGGTACCGGGGC  
 CGACTGCATGACAGGGAGGGCATCTTCCAGCAGTGTGTGCAACCCTGCCAGCTGAGGCAAAAGGTG  
 TGGCTTCCGCAATACCGAAGGGGAGGAAGTTAAAGCCCTGTATGATTTTCTTGGGGAGAACGAAGATGA  
 GCTCTTTTCAAGGCTGGAGACGTAATAACGGAGCTGGAGCCCATAGATGATGCCTGGATGCGTGGAGAA  
 CTAAATGGGAAGAGCTGGAATGTTTCCAAAAACTACGTTACGTTTCTACAAGTCAGCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001082414  
**Insert Size:** 2370 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_001082414.2</a> , <a href="#">NP_001075883.2</a>
<b>RefSeq Size:</b>	6414 bp
<b>RefSeq ORF:</b>	2370 bp
<b>Locus ID:</b>	27059
<b>UniProt ID:</b>	<a href="#">Q91X43</a>
<b>Cytogenetics:</b>	3 F1
<b>Gene Summary:</b>	May play a role in regulating A disintegrin and metalloproteases (ADAMs) in the signaling of EGFR-ligand shedding. May be involved in suppression of Ras-induced cellular transformation and Ras-mediated activation of ELK1. Plays a role in the regulation of cell morphology and cytoskeletal organization (By similarity).[UniProtKB/Swiss-Prot Function]