

## Product datasheet for **MC218288**

### Sh3d19 (BC031117) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sh3d19 (BC031117) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sh3d19
Synonyms:	AW011754; Kryn
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC031117 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGATCTTCAGAAGAAGCAAAGCCACTTTGTATCTGGACTCTCAAAGCCAAGAGTCAAATCTTTAAA  
ACCAAGATCCGGTCTACCCCTCGTCCAAACCGGGACACCCTCTACAGGAAATACATGCTGTCTGT  
GCCTCATGGAATTGCCAATGAAGACATTGTCTCCGAAACCCACGGAATCTCTTGAAGCGTGGGGAT  
GTCTTGTGATCCTGAAGCAGGCAGAAAATAATTACTTGGAAATGCCAACGGGGAGAGGCACCGGCAGAG  
TCCACCCATCCCAGATGAAGATTGTCACTCCCCTGGACGAGCGCCGAGAGGCAGACCTAACGATTCAGG  
CCACAGTCAGAAGCCTGTAGACAGTGGTCTCCTCACGCTGTGGCTTTCATGATTTCCAGCAGAGCAA  
GCTGACGATCTGAGTCTCACATCTGGAGAGATTGTTTATCTTCTCGAAAAATAGATGCAGAGTGGTACA  
GAGGAAATGTAGGAACCAGACTGGCGTGTTCCTGCCAATTACGTCAAAGTCATTGTTGATATCCAGA  
AGGAAGAAGTGGAAAAAGAGAATCCTTTTCATCTCACTGTGCTAAAGGCCACGTTGTGTCGCACGGTTT  
GAGTATATTGGAGACCAGAAGGATGAGTTAAGTTTCTCAGAGGGAGAAGTCATTATTCTCACAGATACG  
TGATGAAGAATGGGGCAGAGGAGAGATTCGAGACCGGAGCGGGATCTTCCCTGAATTTGTGGAGCT  
TGTTGGGGATCACCCACATCTGGTGCAAATATTTTAAGTACAAAGGTGCCACCAAGACCAAAAAACGAA  
GACCCTGGCTCAAATTCTCAGGACAGCAGCCCTCCTGGAGAATGGTGCAAAGCTTCTCACAGTTTCACAG  
CAGAGACCAGCGAGGACTTACCCTTCAAACCGGAGATCGGATCCTGATCCTTGAACGTCTAGATCCGA  
CTGGTACCGGGCCGACTGCATGACAGGGAGGGCATCTTCCAGCAGTGTGTGCAACCCTGCCAGCT  
GAGGCAAAGGTGTGGCTTCCGCAATACCGAAGGGGAGGAAGGTTAAAGCCCTGTATGATTTTCTGGGG  
AGAACGAAGATGAGCTCTTTCAAGGCTGGAGACGTAATAACGGAGCTGGAGCCATAGATGATGCCTG  
GATGCGTGGAGAACTAATGGGAAGAGCTGGAATGTTTCCAAAACTACGTTTCAGTTTCTACAAGTCAGC  
TGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	BC031117
<b>Insert Size:</b>	1263 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>	<u><a href="#">BC031117</a></u> , <u><a href="#">AAH31117</a></u>
<b>RefSeq Size:</b>	3385 bp
<b>RefSeq ORF:</b>	1262 bp
<b>Locus ID:</b>	27059
<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]