

Product datasheet for **SC337637**

SH3D20 (ARHGAP27) (NM_001282290) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SH3D20 (ARHGAP27) (NM_001282290) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARHGAP27
Synonyms:	CAMGAP1; PP905; SH3D20; SH3P20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001282290, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGGCGGACGTGGTGGGGACGTGTACGTGCTGGTGGAGCACCCCTTCGAGTACACCGGCAAGGACG
GGCGCCGCGTGGCCATCCGGCCGAATGAGCGCTACCGGCTGCTGCGGCGCAGCACCGAGCACTGGTGGCA
CGTGCGGCGTGAGCCCGGGCGGCCCTTCTACCTGCTGCGCAGTACGTGCGCGAGCTGCCCGCGCTG
GGCAACCCTGCCCGCCGCGCGCCAGGTCCCCACCGAGCCCGCGGCCCTGAGCCGCTCGCCTACG
ACTACCGGTTTGTGAGCGCGGCGGACCGCGGGCCCCGACGGCGCCCCGAGGAGTCCGGAGGCCGAGC
CAGTCCCTGTGCGGCCCTGCGCAACGCGGCGCCGCGACCCAGCGCAGCAGCCTGGCGCCCGGCCTGCCA
GCCTGCTGTACCTGCGGCCCGCGGCGCCGTCGCGCCCGCGCAGTCCCTGAACGACCTGGCCTGCGCCG
CCGTCTCGCTCCCGCCGGCCTCTAGGAAGCAGCGGCAGCTTCAAGGCCTGCAGCGTGGCGGGCTCCTG
GGTGTGCCCGCGGCTCTGGCGCGCAGGACTCAGAGAACGTCTACGAGGTATCCAGGACTTGACAGTC
CCGCCCGCGGAGGAGCGCAGAGCAGGTGGACGACCCACCGGAGCCCGTGTACGCGAACATAGAGAGGC
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CGCGGGCACCGGGCGCCCTACTACTACAACCCAGACACGGGAGTTACCACCTGGGAGTCCGCCCTTGAG
GCTGCCGAGGGTCCGCCAGCCAGCCACCTCCCTGCCTCGGTGGACAGCCACGTGAGCCTTGAGACCG
AGTGGGGCCAGTACTGGGATGAGGAGAGCCGAGGGTGTCTTCTACAACCCGCTGACGGGCGAGACGGC
CTGGGAGGACGAGGCCGAGAACGAGCCCGAGGAGGAGTTGGAGATGCAGCCGGGCTGAGCCCTGGCAGC
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TCCAGAGGAGAAGTCCAGCAGAGCTGGATGAGGTTGGGAGCTGGGAGGAAGTCTCCTGCCACAGCT
GCTGTGAGGACCAAGACCTTGGACAAGGAGGGGTGCTCCATCGCACCAAGACGGCAGACAAGGAAAGC
GGCTCCGGAAGAAGCACTGGAGTGCCTCCTGGACTGTGCTGGAGGGTGGCGTCTGACATTCTTCAAGGA
CTCAAAGACCTCGGCTGCAGGCGGCTGAGGCAGCCTTCCAAGTTTTCCACCCCTGAGTACACAGTGGAG
CTGAGGGGGGCCACTCTCCTGGGCCCCAAAGACAAATCCAGTAGGAAGAATGTGCTGGAGCTACGGA
GCCGAGATGGCTCTGAGTACCTGATCCAGCAGACTCGGAGGCCATCATCAGCACCTGCCATAAGGCCAT
TGCTCAGGGCATCCAGGAGCTGTCCGACAGACTGCCCCAGAGGAGAGCGAGAGCAGAGTGGACTTC
GGGTCGAGCGAGCGCTTGGGAAGCTGGCAGGAGAAAGAGGAGGACGCGCGACCGAATGCAGCCGCGCCCG
CCCTGGGCCCCGTGGGCCTGGAGAGCGACTTGAGCAAGTCCGGCACAAGCTCCGCAAGTTCCTCCAGAG
GCGGCCACACTGCAGTCGCTGCGGGAGAAGGGTACATCAAAGACCAGGTGTTCCGGCTGCGCGCTGGCC
GCGCTGTGTGAGCGCGAGAGGAGCCGGGTGCCACGCTTGTGTCAGCAGTGCATCCGCGCCGTGAGGGCC
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GGTGGACCACGATGAGCGCCTTGACCTGGATGACGGGCGCTGGGAGGACGTCCACGTTATACCCGGAGCC
CTGAAGCTCTTCTTTCGGGAGCTGCCGAGCCCCCTTCCCCTTCTCGCACTTCCGCCAGTTCATTGGCC
CCATCAAGTTGCAGGACAGGCCCGGCGCAGCCGCTGTGTGCGTGACTTGGTGCCTCGCTGCCCGCTCC
CAACCACGACACTCTGCGGATGCTCTTCCAGCACCTTGCCGGGTGATCGAGCACGGCGAGCAGAACC GC
ATGTCGGTGCAGAGCGTGCCATTGTGTTCCGGGCCACGCTGCTGCGGCCGAGGTGGAAGAGACCAGCA
TGCCCATGACCATGGTGTCCAGAACCAGGTGGTGGAGCTCATCCTGCAGCAGTGC GCGGACATCTTCC
GCCGCAC TGA
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Restriction Sites: SgfI-MluI

ACCN: NM_001282290

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:	<ol style="list-style-type: none">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:	<u>NM_001282290.1</u> , <u>NP_001269219.1</u>
RefSeq Size:	4242 bp
RefSeq ORF:	2670 bp
Locus ID:	201176
UniProt ID:	<u>Q6ZUM4</u>
Cytogenetics:	17q21.31
Gene Summary:	<p>This gene encodes a member of a large family of proteins that activate Rho-type guanosine triphosphate (GTP) metabolizing enzymes. The encoded protein may play a role in clathrin-mediated endocytosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Aug 2013]</p> <p>Transcript Variant: This variant (4) represents the longest transcript and encodes the longest isoform (d). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>