

Product datasheet for **SC215645**

ZFYVE27 (NM_001002262) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ZFYVE27 (NM_001002262) Human 3' UTR Clone
Symbol:	ZFYVE27
Synonyms:	PROTRUDIN; SPG33
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001002262
Insert Size:	1625 bp



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Insert Sequence: >SC215645 3'UTR clone of NM_001002262
 The sequence shown below is from the reference sequence of NM_001002262. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCTCGTGTAAACCAGACCTTGAGCAAGTGAAGAGAGGGCCAGGGTCCAACCAGGCACCCGTCCTTGGG
ACCAGCAGTAGACCCCCACTCTCCCCACCCTGGCCACTGTGGTGTGTGCTGGGCAAATGTGGCCTG
AATGCTAGGTAGGCTTCCCCTTCTTCCCTCACTCTCTCCAGCTGGATTCTGGAGCTGTTCTCCATCCAT
GAGAGTGGCTGGCAATGGCTGCTCTCAATCCCTTGAGGGAGAAGAGCCCCCTGGAGGGCCTGGCATGTTT
GTCCTGCTCTGCCTGGGACTGAGCGAGTGGACTTAGGGCTGGGCAGGCAGTAGCCACCAGAGGGCAGCA
GCGAACTAGGCCAGCCCTGACTGGGGTCTGAAGATCAGGGTCAGTGTGGCTGTGCCTGGGAATCCAGA
CCTGAGGTTGGGAAAAGAGGTTTTTCTCCTGCAGGGTACTGGCCAGGCCCTCAGCCTCAGAGAGCCTG
CAGAAGGGCTTGGGAGTGCCACACCCCATCTCTGCTGATTGAATGTCCCTCCAGGCACCAGGATCTCAT
CATTTCCCATCAGAGGGTGTGGCCAGGCCTAACAAAGACCATGGGTGCTTCTAGAAAACAGGGTTGAAGT
TCCCAGATTCCCCTGAGAGGAGAATGTGTATAGGAGGGTTGGCTGAGTCCTTCAGCGTTAAGTGGAGGA
AAGCTTGGGGAAGCCCCAATAGCTGGACAGACCTCGGCCCTCCCCTCGAAGACACCTCAATTCACAGACT
CTCAGCCCACACAATGCCCCAGTGTCCCAGCTCCGCTGGAGCAGCTGCAGGGCACTTGGATCACAACCT
TCTGCACCCTCTGTCCAGAGTCTAGGGCAGTCTCCACTGGCCCAGCACTCCAGTTTCTTTCCCTGCC
TCTTGTCCAATGGAGTGGGAGGCCAGGTGAGTGGAGCAGAGGTCTGAAGCCCTTGACCCCTGGGGGCC
TGGGTAGTGTAGGATCTCGCTGGGCTGGTCTCCATTCTTCCAACAGTTTCATGTTCACTACTGGACTTTAC
TATGGGATAAGGCCCCCTGGGGTCTCCATTTCTTCCAACAGTTTCATGTTCACTACTGGACTTTAC
GGGCTCAGTATCTCCCTTAGCCATGAGCTGGCTCAGGCATCCCTTCCCTTCCCTGGAGCTGCCCTGC
CTTTCTCAAGTATTTATTTATTTATTTGTCATGGTCTGGGAACATGTGGCACAAGTAATGGGATGAGGA
GGAATTTGGGGTGGGGTCTTCTACCTAGGACTCTTCCCTGGAGTCATGGGCTGCCTGGGACCCAGGAC
CCATGAGGGGGCTGAGAGGTTTCTACACTCGAGGAGCAGGGTCCAGAGAGGCAGGCTGGGGAGGCAAG
GGACCCATCCTAGGCCGCTTTCTTGCCGAGCCAAGCAGCTTAGCTGGGGCTGTGCAGCCAGGGGCTTA
CCCAGGCCAGTGGAGTGCCACAGCCCTGGGGAGCCAGACAGGCTTTGGTATCGTATCGCCTCTGTGTC
CTTTAAGAGAGGAGAGTTCAGTACCCCGTCTTTCTTTACACTGGAGAGGAACTAAAAGGATCTCTGT
GTCTATGGAGAATTGTCAATAAAAAGGCCTCAAGCTTC
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001002262.4](#)

Summary: This gene encodes a protein with several transmembrane domains, a Rab11-binding domain and a lipid-binding FYVE finger domain. The encoded protein appears to promote neurite formation. A mutation in this gene has been reported to be associated with hereditary spastic paraplegia, however the pathogenicity of the mutation, which may simply represent a polymorphism, is unclear. [provided by RefSeq, Mar 2010]

Locus ID: 118813

MW: 57.9