

## Product datasheet for SC211394

### SPFH2 (ERLIN2) (NM\_001003790) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	SPFH2 (ERLIN2) (NM_001003790) Human 3' UTR Clone
Symbol:	SPFH2
Synonyms:	C8orf2; Erlin-2; NET32; SPFH2; SPG18
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001003790
Insert Size:	977 bp
Insert Sequence:	>SC211394 3'UTR clone of NM_001003790 The sequence shown below is from the reference sequence of NM_001003790. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAAATGATTTTTCCAGGAATCTTCATAAAGGGACCCTGAGCAAGAACATTTTTATAGCAGACAGG
AGGACTCATCCACATCGCCAGCAATCATAATTAAGCAAACCGCCTTTGCACCATTTAAGATTTAGGAA
ATCATCCAAATTACTTTAATGTTTCTGCAGTAGAAAAATGAATCTAAATTCATTTTATAGGGTTGTAG
TCTTTTATCTGTTTTGGATTCACCTGTGCTTTAAGAAAAAGTTGGTAAATTTGCCGTTGATTTTTCTTT
TTAACCTCAAACCTAATAGAATTTTATAAAATATTAATTTCTCTAGCCATTGCTTAGGACTTGTGACA
TTACATGAACATTTCAAAGCACTGAAAAAGACAAAGGATCCCTAATGTCCCTGAAGAGGAAATTAATA
TACAAAGTTGTTTTTCATTAGCAAACCTTCTTACTTTCTTACAGCTAAACTTGGTAGCTTAGTGAAGTAC
AGCTGCTTGATGGAGGAGCTGGGGAAATATTTGCTTTGAAACTTTTTATTTTACATCTCAGTCT
TGCTAGCAAGCACTACTTGGCTTAGAATCTGTCCATATCCATAAAGGAGGAGCTCATGTCTCTAGTCCCTG
GCCCTTCAACTCAGAAGTTCTTCTATACTTTCTTCTCAGGACTCTTATAGCCAGACTTTAAACA
TGAAGCTGCATAATTTTCATCACTTCTTACTCTGCCGCATCCTCTTTGCCCATGTTATTAAGTATTAT
CTAATACTTTGAAGTTTACCTGAAGAACCTCTTTGTGTACTTAGTAATACAACCTTTTTTCTCTGTCC
CAACACCTTTAATACAGTTGAATGGATAAAAAACATGGATACAAACACATGGATATAGTTATCACTGAA
GCAGTGTGACATAAAATAATACCTATGTATACAACACTCCTCTGTAATAGCAAATGTAAGTAAAGA
TACACAACAGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG

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Restriction Sites: SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001003790.4</a>
<b>Summary:</b>	This gene encodes a member of the SPFH domain-containing family of lipid raft-associated proteins. The encoded protein is localized to lipid rafts of the endoplasmic reticulum and plays a critical role in inositol 1,4,5-trisphosphate (IP3) signaling by mediating ER-associated degradation of activated IP3 receptors. Mutations in this gene are a cause of spastic paraplegia-18 (SPG18). Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012]
<b>Locus ID:</b>	11160
<b>MW:</b>	37.5