

Product datasheet for SC317339

SPEF1 (NM_015417) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPEF1 (NM_015417) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPEF1
Synonyms:	C20orf28; CLAMP; SPEF1A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317339 representing NM_015417. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGAGCAGCGTGGACGAGGAGGCGCTGCACCAGCTGTACCTGTGGTGTAGACAACATCCCTCTGTCC
CGGCCAAAGCGAAACCTCTCCCGGACTTTAGCGATGGAGTCCTGTTGCAGAGGTCATCAAGTTTTAC
TTCCCAAGATGGTGGAGATGCACAATTATGTCCCGCCAACCTCTCCAGCAGAAGCTCAGCAACTGG
GGTCATCTGAACAGGAAGGTACTGAAGAGGCTGAACCTTTTCAGTACCGGATGACGTGATGCGCAAGATC
GCGCAGTGCGCCAGGGCTGGTGGAGCTGGTGTCTCATCCGCTGAGGCAGCGCCTGGAGGAGAGGCAG
AGGCGCAGGAAGCAGGGCGCCGGCTCCTTACAGGAGCTGGCTCCCGAGGATGGCAGTGGCTACATGGAT
GTGGGTGTATCCAGAAGGCCCGAGGTGAAGGTGTCCCGACCCAGGGAGGGGTGAGCTCAGCTGG
GACCGGCCCGCGCCCTCGGCCTCCAGCGTATAACCGGGCGTTGAGGGCGACCCAGCTTCGTCTC
CAGATCGCTGAAAAGGAGCAGGAGCTGTTGGCCTCTCAAGAGACCGTGCAGGTCCTGCAGATGAAGGTA
AGGCGCTGGAGCACCTGCTCCAGCTCAAGAATGTGCGGATCGAAGACCTCTCCCGCGGCTCCAGCAG
GCGGAGCGTAAGCAGCGGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-Mlul
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_015417
Insert Size:	711 bp



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_015417.4
RefSeq Size:	1597 bp
RefSeq ORF:	711 bp
Locus ID:	25876
UniProt ID:	Q9Y4P9
Cytogenetics:	20p13
MW:	27 kDa
Gene Summary:	Microtubule-associated protein involved in the stabilization of microtubules along the axis of migration during radial intercalation. Promotes the establishment and stabilization of an axis of microtubules required for the active migration of cells into the outer epithelium (By similarity). Microtubule-associated protein that promotes microtubule bundling and stabilizes microtubules against depolymerization in response to cold shock (By similarity). [UniProtKB/Swiss-Prot Function]