

Product datasheet for SC320729

SYT17 (NM_016524) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SYT17 (NM_016524) Human Untagged Clone
Tag:	Tag Free
Symbol:	SYT17
Synonyms:	Syt-17; sytXVII
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_016524.2

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GCGGGCGAAAAATGGCGTACATCCAGTTGGAACCATTAACGAGGGTTTTCTTTCTAGAAT
CTCTGGTCTGCTGTGCAGATGGACCTGCCGGCACTGCTGTCAGAAGTGCTACGAGTC
CAGCTGTTGCCAGTCAAGTGAGGATGAAGTTGAAATTCTGGGACCTTTCCTGCTCAGAC
CCCTCCCTGGCTGATGGCCAGCCGAGCAGTGACAAGGATGGTGACTCTGTCCACACGGC
CAGCGAAGTCCCCTGACCCACGGACCAATCCCCGGATGGAAGACGCTCGTCCTCAGA
CACATCCAAGTCTACATACAGCCTGACGCGGAGGATTTGAGTCTTGAGTCAAGACGTCC
CAGCTCTCCACTCATCGATATTAACCCATCGAGTTTGGCGTTCTCAGCGCCAAGAAGGA
GCCCATCCAACCTTCGGTGTCTCAGACGGACCTATAACCCGACGACTATTCAGGAAGTT
CGAACCCACCTGTACTCCCTCGACTCCAACAGCGACGATGTGGACTCTCTGACAGACGA
GGAGATCCTGTCCAAGTACCAGCTGGGCATGCTGCACTTCAGCACTCAGTACGACCTGCT
GCACAACCACCTACCGTGCGTGTGATCGAGGCCAGGGACCTGCCACCTCCCATCTCCCA
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AGACCAGAAGAACTCAAAGCAGACCGGGGTCAAACGCAAGACCCAGAAGCCCGTGTGGA
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CGTGGTGGATTTTGATAAGTTCTCCCGCACTGTGTATTGGGAAAGTTTCTGTGCCTTT
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CAGCAATGACTTCATCGGGAGGATCGTCATTGGCCAGTACTCTTCAGGCCCTCTGAGAC
CAACCACTGGAGGCGCATGCTCAACACGCACCGCACAGCCGTGGAGCAGTGGCATAGCCT
GAGGTCCCAGCTGAGTGTGACCGCGTGTCTCCTGCCTCCCTGGAGGTGACCTGAGGGCT
GCAGGGAAGGCAGCTTTCATTTGTTTAAAAAAAAAAAAAAAAAAAAA
  
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Restriction Sites:	Please inquire
ACCN:	NM_016524
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:	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_016524.2</u> , <u>NP_057608.2</u>
RefSeq Size:	1912 bp
RefSeq ORF:	1425 bp
Locus ID:	51760
UniProt ID:	<u>Q9BSW7</u>
Cytogenetics:	16p12.3
Domains:	C2
Gene Summary:	Plays a role in dendrite formation by melanocytes (PubMed:23999003).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.