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Product datasheet for SC334429

STMN4 (NM_001283053) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	STMN4 (NM_001283053) Human Untagged Clone
Tag:	Tag Free
Symbol:	STMN4
Synonyms:	RB3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001283053, the custom clone sequence may differ by one or more nucleotides

ATGACCCTTGCTGCCTACAAAGAGAAGATGAAGGAGCTCCCGCTGGTGTCCTTGTTCTGCTCCTGCTTCC
TGGCCGATCCCCTGAATAAGTCGTCCTACAAATATGAAGGCTGGTGTGGGAGACAGTGTAGGAGGAAGGA
TGAAAGCCAGCGGAAAGACAGTGCTGACTGGAGAGAAAGAAGAGCTCAGGCAGACACGGTGGACCTGAAT
TGGTGCGTCATTTCCGACATGGAAGTCATCGAGCTGAACAAATGCACCTCGGGCCAATCCTTTGAAGTCA
TCCTGAAGCCACCCTCCTTTGATGGGGTTCCCGAGTTCAACGCCTCCCTGCCAAGGCGGCGAGACCCATC
CCTGGAAGAGATCCAGAAGAAACTAGAAGCGGCTGAGGAGCGAAGGAAGTACCAGGAAGCGGAGCTCCTG
AAACACCTAGCAGAGAAACGGGAACATGAGAGAGAGGTGATCCAAAAGGCCATTGAGGAAAACAACAACT
TCATCAAGATGGCTAAGGAAAAACTGGCCCAGAAGATGGAATCCAACAAGGAGAACAGGGAGGCCCACCT
CGCCGCCATGTTGGAACGGCTGCAAGAGAAGGAACCGCCTGCTGCGCGGTGA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001283053
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).

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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:	NM_001283053.1, NP_001269982.1
RefSeq Size:	2406 bp
RefSeq ORF:	612 bp
Locus ID:	81551
UniProt ID:	Q9H169
Cytogenetics:	8p21.2
Gene Summary:	Exhibits microtubule-destabilizing activity.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) contains an alternate exon, which results in a frameshift, compared to variant 1. The resulting protein (isoform 2) has a distinct C-terminus, compared to 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.