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Product datasheet for SC329942

ANAPC13 (NM_001242375) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANAPC13 (NM_001242375) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANAPC13
Synonyms:	APC13; SWM1
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC329942 representing NM_001242375. Blue=Insert sequence Red=Cloning site Green=Tag(s) ATGGACAGTGAGGTTCAGAGAGATGGAAGGATCTTGGATTTGATTGATGATGCTTGGCGAGAAGACAAG CTGCCTTATGAGGATGTCGCAATACCACTGAATGAGCTTCCTGAACCTGAACAAGACAATGGTGGCACC ACAGAATCTGTCAAAGAACAAGAAATGAAGTGGACAGACTTAGCCTTACAGTACCTCCATGAGAATGTT CCCCCCATTGGAAACTGA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001242375
Insert Size:	225 bp
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).
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_001242375.1

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RefSeq Size:	1444 bp
RefSeq ORF:	225 bp
Locus ID:	25847
UniProt ID:	Q9BS18
Cytogenetics:	3q22.2
Protein Pathways:	Cell cycle, Oocyte meiosis, Progesterone-mediated oocyte maturation, Ubiquitin mediated proteolysis
MW:	8.5 kDa
Gene Summary:	This gene encodes a component of the anaphase promoting complex, a large ubiquitin-protein ligase that controls cell cycle progression by regulating the degradation of cell cycle regulators such as B-type cyclins. The encoded protein is evolutionarily conserved and is required for the integrity and ubiquitin ligase activity of the anaphase promoting complex. Pseudogenes and splice variants have been found for this gene; however, the biological validity of some of the splice variants has not been determined. [provided by RefSeq, Nov 2008] Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 2. Variants 1, 2 and 3 encode the same protein.