

Product datasheet for **SC337735**

SPCA2 (ATP2C2) (NM_001286527) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPCA2 (ATP2C2) (NM_001286527) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPCA2
Synonyms:	SPCA2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001286527, the custom clone sequence may differ by one or more nucleotides

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ATGGTCGAGGGACGCGTCTCCGAGTTCCTGAAGAACTCGGCTTCTCGGGCGGGGCCCGCCAGTACCAGG
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ATGTGAAAAATACTGTTGCAGCCCCAAGAGAGTCCAGATGCACCCTGAAGATGTAG
    
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Restriction Sites: SgfI-RsrII
ACCN: NM_001286527

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:	<u>NM_001286527.2, NP_001273456.2</u>
RefSeq Size:	3494 bp
RefSeq ORF:	2928 bp
Locus ID:	9914
UniProt ID:	<u>O75185</u>
Cytogenetics:	16q24.1
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the transport of calcium.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).