

Product datasheet for SC330959

COPZ1 (NM_001271735) Human Untagged Clone

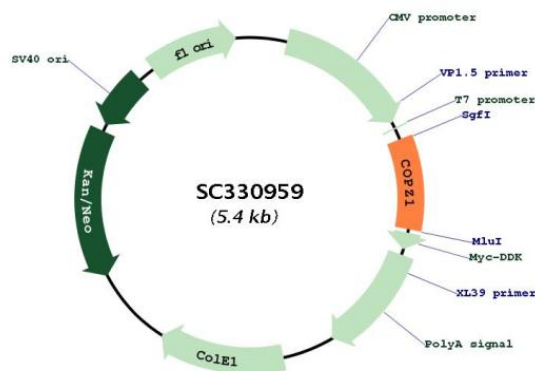
Product data:

Product Type:	Expression Plasmids
Product Name:	COPZ1 (NM_001271735) Human Untagged Clone
Tag:	Tag Free
Symbol:	COPZ1
Synonyms:	CGI-120; COPZ; HSPC181; zeta-COP; zeta1-COP
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330959 representing NM_001271735. Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGAGGCGCTGATTTTGGAACCTCCCTGTATACTGTCAAAGCCATCCTGATTCTGGACAATGATGGA
GATCGACTTTTGGCCAAGTACTATGACGACACCTACCCAGTGTCAAGGAGCAAAGGCCTTTGAGAAG
AACATTTTCAACAAGACCCATCGGACTGACAGTGAAATTGCCCTTTGGAAGGCCTGACAGTGGTATAC
AAAAGCAGTATAGATCTCTATTTCTATGTGATTGGCAGCTCTATGAAAATGAGCTGATGCTTATGGCT
GTTCTGAACTGTCTCTTCGACTCATTGAGCCAGATGCTGAGGAAAAATGTAGAAAAGCGGACTGCTG
GAGAACATGGAGGGGCTTTCTGGCTGTGGATGAAATTGTAGATGGAGGGGTGATCCTAGAGAGTGA
CCCCAGCAGTGGTACCCGGGTGCTGCAGTCAGCCAAAGAACAGATCAAGTGGTCACTCCTTCGTTGA

Restriction Sites: SgfI-MluI

Plasmid Map:



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This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

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ACCN:	NM_001271735
Insert Size:	483 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:	<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_001271735.1
RefSeq Size:	1903 bp
RefSeq ORF:	483 bp
Locus ID:	22818
UniProt ID:	P61923
Cytogenetics:	12q13.13
MW:	18.4 kDa
Gene Summary:	<p>This gene encodes a subunit of the cytoplasmic coatamer protein complex, which is involved in autophagy and intracellular protein trafficking. The coatamer protein complex is comprised of seven subunits and functions as the coat protein of coat protein complex (COP)I-vesicles. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012]</p> <p>Transcript Variant: This variant (3) uses an alternate in-frame splice site and lacks an internal in-frame exon in the coding region, compared to variant 1. The encoded isoform (3) is shorter, compared to isoform 1.</p>