

Product datasheet for **SC320425**

COPZ2 (NM_016429) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	COPZ2 (NM_016429) Human Untagged Clone
Tag:	Tag Free
Symbol:	COPZ2
Synonyms:	zeta2-COP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_016429.2 <pre> GCGGAATGCAGCGGCCGAGGCCTGGCCACGTCCGCACCCGGGGAGGGGGCCGCGCGG CCCAGGCCGGGGCCCGCGCCGCCTGCTCGAGCCGGGGAGCCCTCGGGGCTGCGGTTGC AGGAACCTTCCCTCTACCCATCAAGGCTGTTTTTCATCCTAGATAATGACGGGCGCCGGC TGCTGGCCAAGTATTATGATGACACATTCCCCTCCATGAAGGAGCAGATGGTTTTTCGAGA AAAATGTCTTCAACAAGACCAGCCGACTGAGAGTGAGATTGCATTTTTTGGGGGTATGA CCATCGTCTACAAGAAGCAGCATTGACCTCTTCTATACGTGGTGGGCTCATCCTACGAGA ATGAGCTGATGCTCATGTCTGTTCTCACCTGCCTGTTTGAGTCTCTGAACCACATGTAA GGAAGAAGCTGGAGAAGCGCTGGTTGCTGGAGAACATGGACGGAGCCTTCTTGGTGCTGG ACGAGATTGTGGATGGCGGTGTGATTCTGGAGAGTGACCCCAAGCAAGTGATCCAGAAGG TGAATTTTAGGGCAGATGATGGCGGCTTGACTGAACAGAGTGTGGCCAGGTTCTTCAGT CTGCCAAGGAACAAATTAATGGTCGTTATTGAAATGAAGGCTGTGGATTCAAGGCTCCC TGCCCCCAGATCATTTCCCAATCCTGGCAAAAGCCCAAGATCCCAGGTCAGGAGAG ACCCCTCTGTATCCCAGGTCCCTCCCAGAACTGACTCCTAAGGTCTCCAGCCAGGGCTT CTGAGATGCAAAGGTTTGGCCTCAGGAGAGTCACCTTTTCTCACGGCCCTGGCCTTAAC CATATCTTAGGCATTCTGGCCCCAGGGCCCTAATAAACCTGCTTTTGTCTTCTGAAAAA AAAAAAAAAAAAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_016429
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).


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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:	NM_016429.2 , NP_057513.1
RefSeq Size:	923 bp
RefSeq ORF:	633 bp
Locus ID:	51226
UniProt ID:	Q9P299
Cytogenetics:	17q21.32
Domains:	Clat_adaptor_s
Gene Summary:	This gene encodes a member of the adaptor complexes small subunit family. The encoded protein is a subunit of the coatamer protein complex, a seven-subunit complex that functions in the formation of COPI-type, non-clathrin-coated vesicles. COPI vesicles function in the retrograde Golgi-to-ER transport of dilysine-tagged proteins. [provided by RefSeq, Feb 2014]