

Product datasheet for **SC321216**

SEC24C (NM_198597) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SEC24C (NM_198597) Human Untagged Clone
Tag:	Tag Free
Symbol:	SEC24C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_198597.1

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CTACCTAGGGAGGGTGGGGCAGAAGAGTCAGCAATCCGCGTTGGCTTTGTACCTACAAT
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AAA

Restriction Sites:

Please inquire

ACCN:

NM_198597

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).
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:	<u>NM_198597.1</u> , <u>NP_940999.1</u>
RefSeq Size:	4483 bp
RefSeq ORF:	3285 bp
Locus ID:	9632
UniProt ID:	<u>P53992</u>
Cytogenetics:	10q22.2
Gene Summary:	The protein encoded by this gene is a member of the SEC24 subfamily of the SEC23/SEC24 family, which is involved in vesicle trafficking. The encoded protein has similarity to yeast Sec24p component of COPII. COPII is the coat protein complex responsible for vesicle budding from the ER. The product of this gene may play a role in shaping the vesicle, as well as in cargo selection and concentration. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (2) lacks a segment in the 5' UTR region, compared to variant 1. Both variants 1 and 2 encode the same protein.