

Product datasheet for **SC328314**

SAP25 (NM_001168682) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SAP25 (NM_001168682) Human Untagged Clone
Tag:	Tag Free
Symbol:	SAP25
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC328314 representing NM_001168682. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**
ATGACTCCACTAGCGCCCTGGGACCCCAAGTATGAAGCCAAAGCAGGACCTCGGCCGGTGTGGGGGGCC
AACTGTAGCTCAGGAGCCTCGTTCTCAGGCCGGACGCTGTGTACCCCTCATTCTGGCCGCTGTATGAA
GCAGCCTCGGGCAGGGGTCTCAGGCCGTGGCCCTGCCACAGGGCACTGGAATGGACAGCAGGCCGCC
CCAGATGCAGGGTTCGCGGTGGTGTGTGTGAAGATGTCTTCTCTCGGACCCTCTGCTGCCCGGGGG
CAGCGTGTTCCTGTACCTGTCCAAGGCCCCAGCAGATGATGGGCTCCCTGAAACTGCTGCCGCCG
CCCCCATCATGTCTGCCAGGTGCTCCCCGCCCATCACCTCCCGGGGCCCTCCACTGCCTGGCTC
AGCGGGCCGGAGCTGATCGCTCTCACTGGCTGTGCAGATGAGCCAGGGGGAGCCTAGGCCAGCTCC
TCCGCGGTTGGCCCCCAGACCATACCTCTGACCCACCCAGCCCTGTGGTAGCCCCAGCAGTTCTCAG
GGTGTGACCTCTCTCTCCACAGACCCAGACACCCATTGTCCA**TAG**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001168682
Insert Size:	600 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).



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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:	<u>NM_001168682.1</u>
RefSeq Size:	841 bp
RefSeq ORF:	600 bp
Locus ID:	100316904
Cytogenetics:	7q22.1
MW:	20.9 kDa
Gene Summary:	Involved in the transcriptional repression mediated by the mSIN3A but not the N-CoR corepressor complex.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate in-frame splice junction compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.