

Product datasheet for SC329828

ATF7 (NM_001206682) Human Untagged Clone

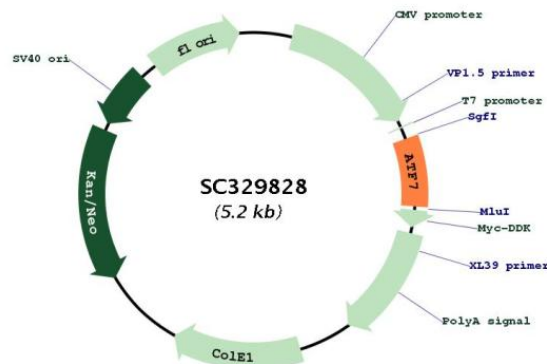
Product data:

Product Type: Expression Plasmids
 Product Name: ATF7 (NM_001206682) Human Untagged Clone
 Tag: Tag Free
 Symbol: ATF7
 Synonyms: ATFA
 Vector: pCMV6-Entry (PS100001)
 Fully Sequenced ORF: >SC329828 representing NM_001206682.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGGAGACGACAGACCGTTTGTGTGCAATGCCCGGGCTGTGGACAGAGATTTACAAACGAGGACCAC
 CTGGCAGTTTCATAAACACAAGCATGAGATGACATTGAAATTTGGCCAGCCCGAACTGACTCAGTCATC
 ATTGCAGATCAAACGCCTACTCCAAGTATTCCTGAAGAACTGTGAGGAGGTGGGACTCTTCAATGAA
 CTAGCTAGCTCCTTTGAACATGAATTCAGAAAAGCTGCAGATGAGGATGAGAAAAAGGCAAGAAGCAGG
 ACTGTTGCCAAAAAACTGGTGGTATTTCAGACCTAGGCTATTTTTATTGTGCTTTGGGATAATTTCTTA
 ATTGGTTAA

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001206682



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Insert Size:	354 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_001206682.1
RefSeq Size:	867 bp
RefSeq ORF:	354 bp
Locus ID:	11016
UniProt ID:	P17544
Cytogenetics:	12q13.13
Protein Families:	Transcription Factors
MW:	13.3 kDa
Gene Summary:	<p>Plays important functions in early cell signaling. Binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AG][AG]-3'), a sequence present in many viral and cellular promoters. Activator of the NF-ELAM1/delta-A site of the E-selectin promoter. Has no intrinsic transcriptional activity, but activates transcription on formation of JUN or FOS heterodimers. Also can bind TRE promoter sequences when heterodimerized with members of the JUN family.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) differs in the 3' coding region and 3' UTR, compared to variant 2, resulting in an isoform (4) with a distinct and shorter C-terminus, compared to isoform 2. Variants 4, 5, and 13 all encode the same isoform (4).</p>