

Product datasheet for **SC332606**

SP6 (NM_001258248) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SP6 (NM_001258248) Human Untagged Clone
Tag: Tag Free
Symbol: SP6
Synonyms: EPFN; EPIPROFIN; KLF14
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332606 representing NM_001258248.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGCTAACCGCTGTCTGCGGCTCTCTGGGCAGCCAGCACACGGAAGCGCCGACGCCTCCCCGCCGCGC
 CTCGACCTGCAGCCTCTCCAACTTACCAGGGCCACACGAGCCCTGAGGCCGGGACTACCCCTCCCCG
 CTGCAGCCTGGAGAGCTGCAGAGCCTCCCGCTGGGCCCGAGGTGGACTTCTCGCAGGGCTATGAGCTG
 CCAGGGGCTCTCGCGGGTAACCTGCGAGGACCTGGAAGCGACAGTCCCTTGCCCCGGGCCCTTT
 TCCAAGCTCTGCAGCCGACATGTCACACCATTATGAATCGTGGTTAGGCCGACTCACCAGGCGCG
 GAGGATGGCTCGTGGTGGGACCTTCATCCGGGCACAGCTGGATGGACCTCCCCACACTCAGGGCGCG
 CTGACCTCACCTGGCCACCCGGGGCGCTTCAGGCGGGCTTGGGGGGCTACGTCGAGACCACAGCTT
 TGTGCCCCGCCACCCACCCGCATGCGCACCACTCCTTCCAGCTGCCGAGGGGAGCATCTCTAGGG
 CCGCCCCGACGGGGCTAAGGCCTTGAAGTAGCCGCCCGGAGTCTCAAGGGCTGGATTCCAGCCTGGAC
 GGGGCGGCGCGTCCCAAAGGCTCCCGCGGTGCGTGCCCCGACGCTCAGGCCAGACCGTCTGTGCTGC
 CCAACTGTCTGGAGGCGGAGCGACTGGGGCTCCATGTGGGCCGATGGGGGCAAGAAGAAGCATTG
 CACAATGCCACATCCCGGGCTGCGGGAAGCCTACGCCAAGACGTCGCACCTGAAGGCGCACCTGCGC
 TGGCACAGCGCGACCGTCCCTTCGTGTGCAACTGGCTCTTCTGCGGCAAGCGCTTCACGCGCTCGGAC
 GAGCTGCAGCGCCACCTCCAGACCCACACCGGCACCAAGAAGTCCCCTGTGCAGTCTGCAGCCGCGTC
 TTCATGCGCAGCGACCACTGGCCAAGCACATGAAAACCCACGAGGGCGCCAAGGAGGAGGCGGCTGGG
 GCGGCCTCGGGAGAGGGCAAGGCCGCGCGCAGTGGAGCCCCCGGGGCAAGGCAACGCGAGGCC
 GAGGGCAGCGTGGCTCCCTCCAAC**TGA**

Restriction Sites: SgfI-MluI
ACCN: NM_001258248
Insert Size: 1131 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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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:	<u>NM_001258248.1</u>
RefSeq Size:	3805 bp
RefSeq ORF:	1131 bp
Locus ID:	80320
UniProt ID:	<u>Q3SY56</u>
Cytogenetics:	17q21.32
Protein Families:	Transcription Factors
MW:	39.8 kDa
Gene Summary:	<p>SP6 belongs to a family of transcription factors that contain 3 classical zinc finger DNA-binding domains consisting of a zinc atom tetrahedrally coordinated by 2 cysteines and 2 histidines (C2H2 motif). These transcription factors bind to GC-rich sequences and related GT and CACCC boxes (Schohy et al., 2000 [PubMed 11087666]).[supplied by OMIM, Mar 2008]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>