

Product datasheet for **SC330079**

ELF5 (NM_001243081) Human Untagged Clone

Product data:

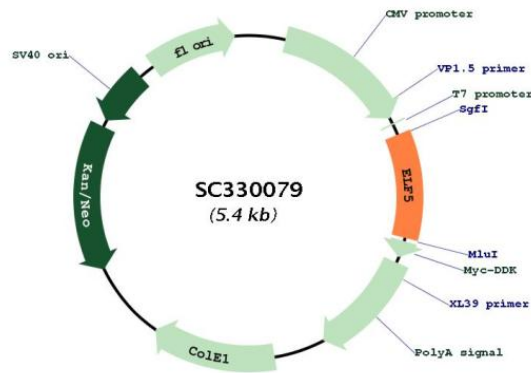
Product Type: Expression Plasmids
Product Name: ELF5 (NM_001243081) Human Untagged Clone
Tag: Tag Free
Symbol: ELF5
Synonyms: ESE2
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330079 representing NM_001243081.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCCATCTCTGCCTCACTCCCACAGGGTAATGTTGGACTCGGTGACACACAGCACCTTCTGCCTAAT
GCATCCTTCTGCGATCCCCTGATGTCGTGGACTGATCTGTTTCAGCAATGAAGAGTACTACCCTGCCTTT
GAGCATCAGACAGGTTACTCCTTTTTTAATGACGCTGAAGAAAGCAAGGCCACCATCAAAGACTATGCT
GATTCCAAGTCTTGAACAAGTGGCATCAAAGTCAAGACTGTCACAGTCATAGTAGAACAAGCCTC
CAAAGTTCTCATCTATGGGAATTTGTACGAGACCTGCTTCTATCTCCTGAAGAAAAGTGGCATTCTG
GAATGGGAAGATAGGGAACAAGGAATTTTCGGGTGGTTAAATCGGAAGCCCTGGCAAAGATGTGGGGA
CAAAGGAAGAAAATGACAGAATGACATATGAAAAGTTGAGCAGAGCCCTGAGATACTACTATAAAACA
GGAATTTTGGAGCGGGTTGACCGAAGGTTAGTGTACAAATTTGGAAAAATGCACACGGGTGGCAGGAA
GACAAGCTATGA
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001243081

Insert Size: 564 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:	<u>NM_001243081.1</u>
RefSeq Size:	2222 bp
RefSeq ORF:	564 bp
Locus ID:	2001
UniProt ID:	<u>Q9UKW6</u>
Cytogenetics:	11p13
Protein Families:	Transcription Factors
MW:	22 kDa
Gene Summary:	<p>The protein encoded by this gene is a member of an epithelium-specific subclass of the Ets transcription factor family. In addition to its role in regulating the later stages of terminal differentiation of keratinocytes, it appears to regulate a number of epithelium-specific genes found in tissues containing glandular epithelium such as salivary gland and prostate. It has very low affinity to DNA due to its negative regulatory domain at the amino terminus. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2011]</p> <p>Transcript Variant: This variant (4) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (4) has the same N- and C-termini but is shorter compared to isoform 1.</p>