

Product datasheet for **SC216863**

ESE1 (ELF3) (NM_001114309) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ESE1 (ELF3) (NM_001114309) Human 3' UTR Clone
Symbol:	ESE1
Synonyms:	EPR-1; ERT; ESE-1; ESX
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001114309
Insert Size:	1890 bp



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Insert Sequence: >SC216863 3'UTR clone of NM_001114309
 The sequence shown below is from the reference sequence of NM_001114309. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGGAAGAGGTTCTCCAGAGTCGGAACBGAGGTTGGAACATACCCGGGACCAAACACACGGACCACT
CGAGGCCCTGCAAACCTTCTGGGAGGACAGGCAGGCCAGATGGCCCTCCACTGGGGAATGCTCCCAGC
TGTGCTGTGGAGAGAAGCTGATGTTTTGGTGTATTGTCAGCCATCGTCTGGGACTCGGAGACTATGGC
CTCGCCTCCCCACCCTCTCTTGGAAATACAAGCCCTGGGGTTTGAAGCTGACTTTATAGCTGCAAGTG
TATCTCCTTTTATCTGGTGCCTCTCAAACCCAGTCTCAGACACTAAATGCAGACAACACCTTCTCCT
GCAGACACCTGGACTGAGCCAAGGAGGCCCTGGGGAGGCCCTAGGGGAGCACCGTGATGGAGAGGACAGA
GCAGGGGCTCCAGCACCTTCTTTCTGGACTGGCGTTCACCTCCCTGCTCAGTGCTTGGGCTCCACGGGC
AGGGGTGACAGACTCCCTAATTTATGTGCTATATAAATATGTGATGTACATAGAGATCTATTTTTT
CTAAAACATTCCTCCCTCCCACTCTCTCCACAGAGTGCTGGACTGTTCCAGGCCCTCCAGTGGGCTGA
TGCTGGGACCCCTTAGGATGGGGCTCCAGCTCCTTTCTCCTGTGAATGGAGGCAGAGACCTCCAATAAA
GTGCCCTTCTGGGCTTTTTCTAACCTTTGTCTTAGCTACCTGTGTACTGAAATTTGGGCTTTGGATCGA
ATATGGTCAAGAGGTTGGAGGGGAGGAAAATGAAGGTCTACCAGGCTGAGGGTGAGGGCAAAGGCTGAC
GAAGAGGGGAGTTACAGATTTCTGTAGCAGGTGTGGGCTTACAGACACATGGACTGGGCTGGGAGGCG
AGCAAAGGAAGCAGCTGAGACTGTTGGAGAACCCTTACAAGACTTCATGCAAGCAAGGACATGAACTCA
GAACACTGAGGTGAGAAGCATCCTGCTGTCATGACACCGCTCGAGTGACCTTGACCTTGACCAAGTCTG
TCCTGTTTAGGACTGATTTTTCTATTAGGCTAGGGTTTGGACCTGATGTTCTCAAGATGTCTAGAATT
GCATGGCTGGCCTTGTGGAATAGATGGTTTTGCATTCAGCCAAGTGTGCTGTAAGTGTATATCTGTA
ATATGAATCCCAGCTTTTGTGCTGACAAAATCAGAGTTAGGATCTTGTAAAGGAAAAAAAAAAAAAAAA
CAAAAACAAAATGGAGATGAGTACTTGTGAGAAAATGAGGGAAGGAGTTGGCATTGTTGAAAGTGT
AGTCTTTTTCTTTTTTTTTAATTGCAACTTTTACTTTAGATTTAGGAGGTCGTGCGCAGGTTTGT
ACATGGGTATATTGTGTGATGCTGAGCTGGGATGCGAATGATCCTGTCACCCAGGTAGTGAGTATAGC
ACCCAGTGAACTGTAGTCTCATGCCAGGCACTGTGCTAGCCACTCTGGCTCATTTAATCCTCCTCCTA
AGAAGAGAGGAGACACAGCGTCCCCATTTGACAGATGCAGAAAAGGTTCCACAGGTGTGCCTTGATTC
TGTCTAAAACCGTTTTCCCGAAGCTTTTCTGGTGTGGGCGCTTCTAACCTAATCCTCAATCGATTCC
AGAACTATACTCTGTTCCACAGTGATACTGTGCTAGGTTTTAGGGAGGACAGTTCATTGATGTTAC
TTAAGAATGCTTTCCAGGTGAAAAGTTCCTTAAGTTTGGGCTTCAAATTCATACAGCACATTAATAAT
CCCATTATGAGTTTGAATACTGCTCTGTTGTCTTGGAAATACCAATCAGATTGTTGGCTGAAGTGAT
GTGGATAAAGAAGGGATCTTAGAAAAA
ACGCGTAAGCGGCCCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001114309.2](#)

Summary:

Transcriptional activator that binds and transactivates ETS sequences containing the consensus nucleotide core sequence GGA[AT]. Acts synergistically with POU2F3 to transactivate the SPRR2A promoter and with RUNX1 to transactivate the ANGPT1 promoter. Also transactivates collagenase, CCL20, CLND7, FLG, KRT8, NOS2, PTGS2, SPRR2B, TGFB2 and TGM3 promoters. Represses KRT4 promoter activity. Involved in mediating vascular inflammation. May play an important role in epithelial cell differentiation and tumorigenesis. May be a critical downstream effector of the ERBB2 signaling pathway. May be associated with mammary gland development and involution. Plays an important role in the regulation of transcription with TATA-less promoters in preimplantation embryos, which is essential in preimplantation development (By similarity).[UniProtKB/Swiss-Prot Function]

Locus ID:

1999

MW:

70.1