

## Product datasheet for SC117765

### EDF1 (NM\_003792) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** EDF1 (NM\_003792) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** EDF1  
**Synonyms:** CFAP280; EDF-1; MBF1  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL4  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene ORF sequence for NM\_003792 edited  
 ATGGCCGAGAGCGACTGGGACACGGTGACGGTGCTGCGCAAGAAGGGCCCTACGGCCGCC  
 CAGGCCAAATCCAAGCAGGCTATCTTAGCGGCACAGAGACGAGGAGAAGATGTGGAGACT  
 TCCAAGAAATGGGCTGCTGGCCAGAACAACAACATTCTATTACCAAGAACACGGCCAAG  
 CTGGACCGGGAGACAGAGGAGCTGCACCATGACAGGGTGACCCTGGAGGTGGGCAAGGTG  
 ATCCAGCAAGGTGCGCAGAGCAAGGGGCTTACGCAGAAGGACCTGGCCACGAAAATCAAT  
 GAGAAGCCACAGGTGATCGCGGACTATGAGAGCGGACGGGCCATACCCAATAACCAGGTG  
 CTTGGCAAATCGAGCGGGCCATTGGCCTCAAGCTCCGGGAAAGGACATTGAAAGGCC  
 ATCGAGAAGGGCCTAGGGCGAAATGA

**5' Read Nucleotide Sequence:** >OriGene 5' read for NM\_003792 unedited  
 GTTGTCAAAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGAGCCGCC  
 GGACGGACGCTCGTCTTCGCCCGCCATGGCCGAGAGCGACTGGGACACGGTGACGGTGCT  
 GCGCAAGAAGGGCCCTACGGCCGCCAGGCCAAATCCAAGCAGGCTATCTTAGCGGCACA  
 GAGACGAGGAGAAGATGTGGAGACTTCCAAGAAATGGGCTGCTGGCCAGAACAACAACA  
 TTCTATTACCAAGAACACGGCCAAGCTGGACCGGGAGACAGAGGAGCTGCACCATGACAG  
 GGTGACCCTGGAGGTGGCAAGGTGATCCAGCAAGGTCCGCAGAGCAAGGGGCTTACGCA  
 GAAGGACCTGGCCACGAAAATCAATGAGAAGCCACAGGTGATCGCGGACTATGAGAGCGG  
 ACGGGCCATACCAATAACCAGGTGCTTGGCAAATCGAGCGGGCCATTGGCCTCAAGCT  
 CCGGGGAAAGGACATTGGAAGGCCATCGAGAAGGGGCCTAGGGCGAAATGAACACAAAG  
 CCTCGAAATCAGTGCCTCCAGCTGATCTCGTTCCGCCGGTTCCTTGGCCGCCAGTTC  
 CGTTCTCCTCACGGGCCGAACGGAAACAAGGGTCCAGCTTGCAGGGGACCTCCCCAGCC  
 CATTCTGCTGTCAAACAACAACAACTTGCAAAGCGCANNNNNANAAAANNNAANNNA  
 AAAAAAAAAAANNNAANTTAAATAAANNNNANAAAAATAAATNAAAAAAAAAAAAATN  
 NAGGNNGGAATNNNTNTNACCNTTNNAAAAGGCCCTCTGGACATGTAAGTCGGAATAAA  
 ATTGCCTTCCTTTTAAATGCGCGCGGGGTATTTTTTTTATTCTTGAAAGACCCGGGTGGC  
 CCTGAAACACCCCCAGAGCTTTGTGGCGGGGAAGTGACACTGGGGCCACCCCTTT



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<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_003792
<b>Insert Size:</b>	800 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_003792.2</a> , <a href="#">NP_003783.1</a>
<b>RefSeq Size:</b>	658 bp
<b>RefSeq ORF:</b>	447 bp
<b>Locus ID:</b>	8721
<b>UniProt ID:</b>	<a href="#">O60869</a>
<b>Cytogenetics:</b>	9q34.3
<b>Domains:</b>	HTH_3
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>Gene Summary:</b>	This gene encodes a protein that may regulate endothelial cell differentiation, lipid metabolism, and hormone-induced cardiomyocyte hypertrophy. The encoded protein has also been found to act as a transcriptional coactivator by interconnecting the general transcription factor TATA element-binding protein (TBP) and gene-specific activators. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013] Transcript Variant: This variant (alpha) encodes the longest isoform (alpha).