

Product datasheet for **SC127263**

EID1 (NM_014335) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EID1 (NM_014335) Human Untagged Clone
Tag:	Tag Free
Symbol:	EID1
Synonyms:	C15orf3; CRI1; EID-1; IRO45620; PNAS-22; PTD014; RBP21
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127263 sequence for NM_014335 edited (data generated by NextGen Sequencing) ATGTCGAAATGGCTGAGTTGTCCGAGCTGTATGAAGAGAGCAGTGACCTGCAGATGGAT GTGATGCCTGGCGAGGGTGACCTTCCGCAGATGGAGGTAGGCAGCGGGAGCCGGGAGCTA TCCCTGCGTCCCTCCCGCAGCGGGGCCAACAGCTCGAGGAGGAAGGCCAATGGAGGAG GAGGAGGCCAGCCAATGGCGGCCAGAGGGGAAACGGAGCCTTGCTAACGGGCCCAAC GCTGGGGAGCAGCCAGGCCAGGTGGCGGGCGCAGACTTCGAGAGCGAGGACGAGGGCGAG GAATTTGATGACTGGGAGGACGACTACGACTATCCCGAAGAGGAGCAGCTCAGTGGTGCC GGCTACAGAGTATCAGCCGCTCTTGAAGAAGCCGACAAGATGTTTCTGAGAACAAGAGAA CCAGCCCTGGATGGCGGGTTTCAGATGCATTATGAGAAGACCCCGTTTGATCAGTTAGCT TTTATCGAAGAGCTTTTTTCACTGATGGTTGTCAATCGTCTGACCGAAGAACTCGGCTGT GATGAGATTATTGATAGAGAGTAG Clone variation with respect to NM_014335.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_014335 unedited <pre> TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCTGGAAGCTTTTT CCTAGAGGTTGAGCGTTTGACAATGTCGGAATGGCTGAGTTGTCCGAGCTGTATGAA GAGAGCAGTGACCTGCAGATGGATGTGATGCCTGGCGAGGGTGACCTCCGCAGATGGAG GTAGGCAGCGGGAGCCGGGAGCTATCCCTGCGTCCCTCCCGCAGCGGGGCCAACAGCTC GAGGAGGAAGGCCAATGGAGGAGGAGGAGGCCAGCCAATGGCGGCCAGAGGGGAAA CGGAGCCTTGCTAACGGGCCAACGCTGGGGAGCAGCCAGGCCAGGTGGCGGGCGCAGAC TTCGAGAGCGAGGACGAGGGCGAGGAATTTGATGACTGGGAGGACGACTACGACTATCCC GAAGAGGAGCAGCTCAGTGGTGCCGGCTACAGAGTATCAGCCGCTCTTGAAGAAGCCGAC AAGATGTTTCTGAGAACAGAGAACCCAGCCCTGGATGGCGGGTTTCAGATGCATTATGAG AAGACCCCGTTTGATCAGTTAGCTTTTATCGAAGAGCTTTTTTCACTGATGGTTGTCAAT CGTCTGACCGAAGAACTCGGCTGTGATGAGATTATTGATAGAGAGTAGTTAGATGCTGTT AAAAGAGGAGGAACTACTTGAGGAGGGACCAACTTTCCGCTATCTTTTGGGTTTCATTC CAAATAGTTTTGTCCATTGAAAACTTGACCTTCAAAAAATTTGTTTTTCAGAATAGAA ACACATAGGACAGTGACTGCACAGTTGTGAAAAAGGAGAGAATCCTAAAGAAAAGAAAAA GATTTTAGAACGNNNTGAATCNATATCAGAN </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_014335
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:	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_014335.2</u> , <u>NP_055150.1</u>
RefSeq Size:	2096 bp
RefSeq ORF:	564 bp
Locus ID:	23741
UniProt ID:	<u>Q9Y6B2</u>
Cytogenetics:	15q21.1
Gene Summary:	Interacts with RB1 and EP300 and acts as a repressor of MYOD1 transactivation. Inhibits EP300 and CBP histone acetyltransferase activity. May be involved in coupling cell cycle exit to the transcriptional activation of genes required for cellular differentiation. May act as a candidate coinhibitory factor for NR0B2 that can be directly linked to transcription inhibitory mechanisms.[UniProtKB/Swiss-Prot Function]