

Product datasheet for SC212400

ZIC2 (NM_007129) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ZIC2 (NM_007129) Human 3' UTR Clone
Symbol: ZIC2
Synonyms: HPE5
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_007129
Insert Size: 1113 bp
Insert Sequence: >SC212400 3'UTR clone of NM_007129

The sequence shown below is from the reference sequence of NM_007129. 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
TCCTCCAACCTCAATGAATGGTACGTGTGACCGGGTCGGGGCCTCTCTCCCTCTCCCTGTCCCCACCCCA
GCGCAGCAGCCCTCCCCGAGCTAGCAGCGAGGGCACCTTGTGATCATGTTGTTAAAATTATGAATCTG
ATTTTTATGATGATGAAAATTTTACCAGCAGAAGGATTTTTTAAAGTTTTTTTTTTTTTTAATAATA
ATCTAGGCATGAAGAGCAAAAATATCCCTTCCGGAGTCTTTGAAGCTGAAAATATAAAACAAATAAAAA
ATAAAAAATAAAAACCCACAAAATGTTGAACCAAAACCTCCCTGCTAATCTCCATGCCACGTTCTTT
CCCACCCTGTTCCAGTCTTCTGACAACTGTGTACATAGCGGACTCCTCCTTTCTCCTCCGAGGTGGT
TTTAAAGGCTTTTTGGTGTATAGAAGTTTGTCCATTTGTAAAACCTCCGATTGCGTTCTCCCCGCCTT
CCGCCCTTCCCTTCCCTAAAGTGATGGCTTTCTCTTTTCTCTTTTAGTTTACCCGGTTTCTTTTTA
AGTAATGTGGAAGAAAATGGTTATTTTGTATTGTGGTATTGAATATTGTGTTCCTTTTATGAGGCAA
CCTGATTGTAACCTTCATGTAACATAGACTGGAAAAATGAGCCGTGCCAAAGTCTCCCTTCTGTTTC
TTCAGCACATTGACCCATAGCACACACATACACACCACCACCAACAACGCTTGTGAATGTATTTTTCTG
TTAGCTGGGTTTACATGTGATGTTTTAGTCTTTTGAAGTTCAATTTGTTAGTTCTGTATGAAAGAT
TGTGGGGGAAAAATAAACGTCGTGCCGTTAGCTTTTTCCGTAATAACACCCTTCTTCTGTAATACCC
GTTACCATATTTTACCATTTGTAATTAATTATGGTATTAACCTGCTACAGAGGAAACAATATTTATAA
AGAATGTTTCTTAACTATAAATATGTACAATTGTGGGCATAAACTGTTTCAGATTTTTTATTGAAAGGT
TTAAGTGGTTTATCATTTCTTGTGATGTTTTGAGAGTAATGCATACAGAAATATAATAAAATGTGTT
GAAACTGCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-Mlul
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:	<u>NM_007129.5</u>
Summary:	This gene encodes a member of the ZIC family of C2H2-type zinc finger proteins. This protein functions as a transcriptional repressor and may regulate tissue specific expression of dopamine receptor D1. Expansion of an alanine repeat in the C-terminus of the encoded protein and other mutations in this gene cause holoprosencephaly type 5. Holoprosencephaly is the most common structural anomaly of the human brain. A polyhistidine tract polymorphism in this gene may be associated with increased risk of neural tube defects. This gene is closely linked to a gene encoding zinc finger protein of the cerebellum 5, a related family member on chromosome 13. [provided by RefSeq, Jul 2016]
Locus ID:	7546
MW:	42.4