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Product datasheet for SC202043

Cyclophilin E (PPIE) (NM_203456) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Cyclophilin E (PPIE) (NM_203456) Human 3' UTR Clone
Symbol:	Cyclophilin E
Synonyms:	CYP-33; CYP33
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_203456
Insert Size:	202 bp
Insert Sequence:	>SC202043 3'UTR clone of NM_203456 The sequence shown below is from the reference sequence of NM_203456. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AGCCAGCCGAGGTCCTGGAAGCTGACGTAGAGCTCGTGCCGACGGCAGACCTGCCGGCCGTGGGAGCCG TGGACGTCATCTGCAGGGACAGAAGGGGCAAGGTCTTTTCTGGGGTTCCTACTGTGTGCAGCTACTATG GGGTACCAGGGTGGGGGATGCCCTGATGAGCACATTTGTCAAATAAATGAATGACAGGAAACCA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_203456.3

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Summary: The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. This protein contains a highly conserved cyclophilin (CYP) domain as well as an RNA-binding domain. It was shown to possess PPIase and protein folding activities, and it also exhibits RNA-binding activity. Alternative splicing results in multiple transcript variants. A related pseudogene, which is also located on chromosome 1, has been identified. [provided by RefSeq, Aug 2010]

Locus ID: 10450

MW: 7.4