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Product datasheet for SC203570

CYB5R2 (NM_016229) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CYB5R2 (NM_016229) Human 3' UTR Clone
Symbol:	CYB5R2
Synonyms:	B5R.2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_016229
Insert Size:	300 bp
Insert Sequence:	>SC203570 3'UTR clone of NM_016229 The sequence shown below is from the reference sequence of NM_016229. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TATACCCAGGACATGATTTTCACCTACTAACACCTCCACGTGCTCAGCAATTTTGCATGTCCCTTTTCA TCTGTTTCAGAGTAAGTTCAATTTCACCACGGTAAACTGGGATGTTTTCAAAAGTGCCTTGCCATGTAC CTTCGCGCACACACTGGTTCTCCTCTTTTGGGTGTGGGCCTAACAAAAAGGGCTCAAGGGGCTGGAGAC TGGCTGCTGGGGCCTCCTTGCTTGGAGGCTGGAAAGAGCTCCATTTCAGTATCTTTCTCCGTGGTTTTG TGAAATAAACTCAAGTACAAAGCA 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_016229.5

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Summary: The protein encoded by this gene belongs to the flavoprotein pyridine nucleotide cytochrome reductase family of proteins. Cytochrome b-type NAD(P)H oxidoreductases are implicated in many processes including cholesterol biosynthesis, fatty acid desaturation and elongation, and respiratory burst in neutrophils and macrophages. Cytochrome b5 reductases have soluble and membrane-bound forms that are the product of alternative splicing. In animal cells, the membrane-bound form binds to the endoplasmic reticulum, where it is a member of a fatty acid desaturation complex. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2014]

Locus ID: 51700

MW: 11