

Product datasheet for **SC206876**

BRP44L (MPC1) (NM_016098) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	BRP44L
Synonyms:	BRP44L; CGI-129; MPYCD; SLC54A1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_016098
Insert Size:	540 bp
Insert Sequence:	<p>>SC206876 3'UTR clone of NM_016098</p> <p>The sequence shown below is from the reference sequence of NM_016098. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC CACGAGATGACTAAACGGCATCTGCAACAATGGAAAAGGAACAAGGTCTTGAAGGGACAGCAT TGCCAGCTGCTGCTGAGTCACAGATTTTATTATAAATAGCCTCCCTAAGGAAAATACACTGAATGCTAT TTTTACTAACCATTTCTATTTTATAGAAATAGCTGAGAGTTTCTAAACCACTCTCTGCTGCCTTACAA GTATTAATATTTTACTTCTTTCCATAAAGAGTAGCTCAAAATATGCAATTAATTTAATAATTTCTGAT GATGGTTTTATCTGCAGTAATATGTATATCATCTATTAGAATTTACTTAATGAAAACTGAAGAGAACA AAATTTGTAACCACTAGCACTTAAGTACTCCTGATTCTTAACATTGTCTTTAATGACCACAAGACAACC AACAGCTGGCCACGTACTTAAATTTGTCCCACTGTTAAAAATGTTACCTGTGTATTTCCATGCAG TGTATATATTGAGATGCTGTAACCTAATGGCAATAAATGATTTAAATATTGTTAAA ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG </pre>
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_016098.4</u>
Summary:	The protein encoded by this gene is part of an MPC1/MPC2 heterodimer that is responsible for transporting pyruvate into mitochondria. The encoded protein is found in the inner mitochondrial membrane. Defects in this gene are a cause of mitochondrial pyruvate carrier deficiency. Several transcript variants, some protein coding and one non-protein coding, have been found for this gene. [provided by RefSeq, Aug 2012]
Locus ID:	51660
MW:	21.2