

MTHFR-5,10-methylenetetrahydrofolate reductase (NADPH) Gene

Reference: PTXBC053509

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	methylenetetrahydrofolate reductase; 5,10-methylenetetrahydrofolate reductase (NADPH); methylenetetrahydrofolate reductase (NAD(P)H)		

For research use only.

GENE DESCRIPTION	5,10-methylenetetrahydrofolate reductase (NADPH)
GENE ID	4524
ORIGIN SPECIES	Human
ACCESSIONS	BC053509
VECTOR	pDONR223
NCBI SYMBOL	MTHFR
LENGTH	ProteoGenix bp
SEQUENCE PRIMERS	Forward primer M13R (5'→3'): GTAAACGACGGCCAGT Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG

ORF (Only for reference, product provided without STOP codon)

atggtgaacgaagccagaggaaacagcagctcaacccctgcttggaggcagtgccagctggcagtgagagctccaaagatgtcagatgttccacccggcctggacccctgagcggcatgagagactccgggagaagatgaggcggcattggaatctggtgacaagtgttctccctggaaattcttccctcctcgaactgctgaggagagctgtcaatctcatctcaaggtttgaccggatggcagcaggtggcccccctctacatagacgtgacctggcaccagcaggtgacccctggctcagacaaggagacctcctccatgatgacgccagaccgccgtgaaactactgtggcctggagaccatcctgcacatgacctgctgccgtcagcgcctggaggagatcacgggccatctgcacaaagctaaagcagctgggctgaagaacatcatggcgtcggggagacccaataggtgaccagtgggaagaggaggaggaggagcttcaactacgcagtggaacctgtgaagccacatccgaagtgttgggtgactactttgacatctgtgtgtgcaggttaccccaaggccacccgaagcagggagcctttgaggctgacacttcttggctgacacattctccgctttgtgaagccatgcacccgacatgggcatcacttgcctcccggtatcttccatccaggctaccactccttggcagcttggtaagctgtccaagctggagtgccacaggagatcaaggacgtgattgagccaatcaagacaacgatgctgccatccgcaactatggcctcagctggcctgagcctgtgcccagagcttctggccagtgcttggccagtgcttggccagcctcacttctacacccctcaaccgcgagatggctaccacagagtgctgaagcgcctgggatgtggactgaggaccccgagcgtccctacccctggcctcagtgccaccccaagcggcgaagggaagatgtacgtcccatcttctggcctccagaccaagagttacatctaccgtaccaggagtgaggacaggttccctaaccggcctggggcgaattcctctccctgctttggggagctgaaggactactaccttctacctgaagagcaagtcccccaagggaaggctgctgaagatgtggggaggagctgaccagtgaagcaagtgtcttgaagcttcttcttactctcgggagaacaaacgggaatgttcacaaagtgacttgcctgcccctggaacgatgacccctggcggctgagaccagcctgtgaaggaggagctgctgggggtgaaccgccagggtatcctcaccatcaactcagacccaacatcaacgggaagcgtctcgcacccatctgtggcctggggcccgagcggggctatgtcttcagaaggcctactagagttttcacttcccgcgagacagcgggaagcactctgcaagtgtctgaagaagtacgagctccgggttaattaccacctgtcaatgtgaagggtgaaacatcaccaatgccccgaactgcagcgaatgtgtcacttggggcacttccctggcgagagatccagcccacgtagtgatccctcagcttcatgttctggaaggacagggccttggccctgtgattgagcagtggggaaagctgtatgaggaggagctcccgccacacatcatcagatcatccagcacaactacttctgttcaactgtgtggacaatgacttccactggacaactgctctggcaggtgttggaagacacattggagcttctcaacaggccaccagaatgcgagagaacggaggtccatga