



Reference: PTXBC011051

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	mitochondrial MTO1-3; homolog of yeast Mto1; protein MTO1 homolog, mitochondrial; CGI-02; COXPD10; mitochondrial translation optimization 1 homolog; mitochondrial tRNA translation optimization 1		

For research use only.

GENE DESCRIPTION	mitochondrial translation optimization 1 homolog (S. cerevisiae)
GENE ID	25821
ORIGIN SPECIES	Human
ACCESSIONS	BC011051
VECTOR	pDONR223
NCBI SYMBOL	MTO1
LENGTH	ProteoGenix bp
SEQUENCE PRIMERS	Forward primer M13R (5'→3'): GTAAAACGACGGCCAGT Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG

atgtcatcgaatccctcttctgtggcgcacgggaaggacatttaagaggggaagtagatgccttggatggcctgtgttcctgcacattgacacagcttggtgtgacattataaagatataaacaggcgtgaaggacacgctgtgtggggctgagagctcagattgatagaaactctataaacag
aacatcagagaagaataatctgaatacaccactctctactgtcaggagaagcctgtgaagaagatttattcttacgaacacagagcctgaacacactcgggaatgccgtgtcagtgagggtgttttgggtgaggaagcacagatatacagagaggtgtgtcactactggacattctctga
aggcatgatgttaattggattggagacgcatccagcaggagcttttagggggagcactctctatagattgtgttcgacacactggagagatgggtgtgtgtgggaagcttgaaagctggagcctcccccaggttcccaagagatgccattatcttaaaccaagcatataccggac
aatcatccatacttaattcagcttaccatagagacatgctgttaagccaggaagatcagctgcgatgttactgtactacacacaaacctagatggatgtgagattcttaagaagcttccacttaataatcagttaagaagaagacagaagggacactgatactgcttccattgaatcaaaa
gttttgcgttttccaaacgctgtacatcaggtttgtgttggaaacctgaaggaaatggattctgacattctgacacacagggggttattctatgacactctaccagctcgaattacagaagaanaatgatcacatgcatcagagcctgtggagaagctaaagtgtattcacgccagctacggtgtttcagatgatt
acttagtaccgccgtgacatccccctctccggagacactctttgttcaacagactctgttgcgcacagacaaatggccacacactgggtatggagaagctgcagctcgaagcttgcgttcggttcagctcgaagcttgcgttcggttcgagcaagcagaaggt
tactatgaagcttgattgatgacacctactactctgggcacagctgaacacattcccgatgtttaccagcagatagatggctgtttgacactgcgcctgataatgctgtcagacggccctacactcgagggctgataaagacgctggcgtgtgtgttgcaccaacgatatgaagctgttggatg
gaagctctctttaagaagaagcattctgtgttgaactatgtgatttttgaagctctaaatggaanaaataatccagagggcttctataagtagactagaagctctgcctgtcagagctctcgtatgttctgaagtatgaggaaagtgacatggtattcattgccaaggcgtgttcagagcccttgaa
aagtatcataaattgatagagctcgtgtgaagacgtgaataatgagacacttgaatgacgtgtttgccatcatcacaagaataaaggaggtgtcagcaagatgaagcttcccatgcgaagaaactagactgattttgactatacggagtgatgtgttccctgatggttcagagaaact
acattttatgtctccacacagacacggcgtctgtactgctataccacgggaattacacactctccgccatcatcaactctcgtgaagttgtgaagacactcacaagaagacatccctctatgaatgaatcacaactaacttattgtgtcagacagacactcaagagagagatgataa