

UMPS-uridine monophosphate synthetase Gene

Reference: PTXBC000364

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	OPRT; uridine 5'-monophosphate synthase; OMPdecase; OPRTase; UMP synthase; orotate phosphoribosyltransferase; orotidine 5'-phosphate decarboxylase; uridine monophosphate synthetase		

For research use only.

GENE DESCRIPTION	uridine monophosphate synthetase
GENE ID	7372
ORIGIN SPECIES	Human
ACCESSIONS	BC000364
VECTOR	pDONR223
NCBI SYMBOL	UMPS
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)

atggcggcgcctcgtgcagctttggggccattggtgacgggtctgtacgacgtgcaggcttcaagttggggacttcgtgctgaagagcgggcttctcccccatcatcatcgtcggggcgtcgtctcaccgcgtctctgagtcaggttcagatatatttccaaactgccaa
aafgcaggcatcagttttgacaccgtgtgtggagtgccctatcacagctttgccattggctacagttatctgttcaaccaatcaaatccaatgcttaltagaaggaaagaaacaaaggattatggaactaagcgtctgtagaaggaaactattaatccaggagaaactgtttatcattgaagatgtt
gtcaccagtggaatcagtggtttgaaactgttgaggttctcagaaggaggcgtgaaggtcactgatccatagtgctgttgacagagagcaggggagcaaggttcaggcgcacgggatccgctccactcagtggtacattgtccaaatgctggagattctcgagcagca
gaaaaagttgatgctgagacagttggagagtgaaagggtttattcagggaatgcttttggcagcgaatcataatggttctcccccttctataaaggaaagcaccacaaagaactcagcttcggtgcacgtgcagagctgccaggatcccccagttgcatcgaagcttctcaggcttatg
caaaagaaggagaccaatctgtctatctgctgatgtttcactggccagagagcgttgcagctagcagatgctttaggacctagatctgcatcgtgaagactcagtagatatttgaatgattttacttggaatgtgatgaaggagttgataactctggcaaatgcatgagttctgatattg
aagaccggaagtttcagatataggaacacagtgaaaaagcagtgatgaaggaggtatctttaaatagtcttctggcagatctagtaaatgctcagctgggtgccaggctcaggagttgtgaaaggcctgcaagaagtgggcctgcttgcacgggggtgcctctattgcggaaatg
agctccaccgctccctggccactggggactacactagcagcgggttagaattggctgaggagcactctgaatttgtgtgttttatttctgctcccgagtaagcatgaaccagaatttctcacttgactccaggagttcagttggaagcaggagagataatctggccaacagtacaa
tagcccacaagaagttattggcaaacgaggttccgatacatcattgtaggtctggcataatctcagcagctgatcgtctggaagcagcagagatgtacagaaaagcgttgggaagcgtatttgtagtacctgtgtttga