

GMPS-guanine monophosphate synthetase Gene

Reference: PTXBC012178

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	MLL/GMPS fusion protein; GMP synthase [glutamine-hydrolyzing]; GMP synthase; glutamine amidotransferase; guanine monophosphate synthetase; guanosine 5'-monophosphate synthase; testicular tissue protein Li 82; guanine monophosphate synthase		

For research use only.

GENE DESCRIPTION	guanine monophosphate synthetase
GENE ID	8833
ORIGIN SPECIES	Human
ACCESSIONS	BC012178
VECTOR	pDONR223
NCBI SYMBOL	GMPS
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)

atggctctgtgcaacggagactccaagctgggagaatgctggaggagacccttaaggatggccaccaccactatgaaggagctgttgcattctgtagctggtgctcagtagggaaagtcatagaccgaagagtgagggaactgttcgtgctgctgaaattttcccttggaaacaccag
catttgcataaaggaaacaggaatccgtgctattatcatctctggaggacctaattctgtgtatgctgaagatgcctcctggtttgatccagcaatattcactattggcaagcctgttcttggaaattgctatggtatgcagatgatgaataaggtatttggaggtactgtgcacaaaaaagtgctcag
agaagatggagttttcaacattagtggtataatcatgttcatattcagggccttcagaaggagaaggtgttttgcctacacatggagatagtgtagacaaagtagctgatggaattcaggttggcagcttctggaacatagtagcaggcatagcaaatgaatctaaaaagtattatgga
gcacagttccaccctgaagttggccttacagaaaatggaagaatgaatgaagaaatttcttatgataatgctggatgcagtggaaccttcaccgtgcgaacagagaacttgatgtattcgcagagatcaaaagagagtaggcacgtcaaaagtgttttactcagtggtggagtaga
ctcaacagttgtacagctttgctaaatcgtgctttgaaccaagaacaagtcattgtgtgcacattgataatgctttatgagaaaacgagaagccagctgtgtgaagaggccctcaaaaagcttggaaattcaggtcaaaagtataaatgctgctcattcttctacaatggaacaacaacccta
ccaatatcagatgaagatagaacccacggaaaagaattagcaaaactgttaaatatgaccacaagctcgaagagaagaaaacattggggatactttgttaagattgccaatgaagtaattggagaaatgaactgaaacagagaggttttcttgcaccaaggtactttacggcctg
atctaattgaaagtgcaccccttgttgcgaagtgccaaagctgaactcatcaaaacccatcacaatgacacagagctcatcagaaggttgagagaggagggaagaaatagaaacctctgaagattttcataaagatgaagtgagaattttggcgagagaacttggactccagaagagttatg
ttccaggcatcatttccaggtcctggcctggcaatcagagtaatatgtgctgaagaaccttatatttgaaggacttctgaaacacaacaatatttgaataatagtagctgatttttctgaagtgttaaaaagccacataccctattacagagagtcaggcctgcacaacagaagagatcag
gagaagctgatgcaaataccagctcgtcattcactgaatgccttctgtgcctaaataaaactgtaggtgtgcaggggtgactgtgtctcactacagttacgtgtgtggaatctccagtaaaatgaacctgacitgggaatcacttattttctggttaggcttatacctcgcagtgctcacaacgtttaac
agagttgtttatatatttggccaccagtttaagaacctctacagatgttactccacttcttgacaacaggggtgctcagtaactttacgccaagctgattttgaggcccataacattctcaggagctgtgggtatgctgggaaaatcagccagatgccgtgtattttgacaccattacatttgc
cgggaccacttcaaaagcagccttcatgccagagatctgtgttattcgaacctttattactagtgaacttcatgactgtgtatcctgcaacacctggcaatgagatccctgtagaggtgtgtattaaagatgtgactgagattaagaagattcctgtattttctgaattatgtatgaacttaacatca
aagccccaggaactactgagtgaggagtaa