

SHMT2-serine hydroxymethyltransferase 2 (mitochondrial) Gene

Reference: PTXBC032584

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	GLYA; HEL-S-51e; SHMT; serine hydroxymethyltransferase, mitochondrial; GLY A+; epididymis secretory sperm binding protein Li 51e; glycine auxotroph A, human complement for hamster; glycine hydroxymethyltransferase; serine aldolase; serine hydroxymethylase		

For research use only.

GENE DESCRIPTION	serine hydroxymethyltransferase 2 (mitochondrial)
GENE ID	6472
ORIGIN SPECIES	Human
ACCESSIONS	BC032584
VECTOR	pDONR223
NCBI SYMBOL	SHMT2
LENGTH	ProteoGenix bp
SEQUENCE PRIMERS	Forward primer M13R (5'→3'): GTAAAACGACGGCCAGT Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG

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

atgctgacttctcttgtttggcggctcggcctctcagagatgtggcagctgttcaggatgccaltcgggctcagcacagcaacgcagcccagactcagactggggaagcaaacaggggctggacaggccagagagcctgtcggacagtatcctgagatgtggagttgctgcagagggagaagagcagggcaggtctcgtggcctggagctcattgctcagagaaactctcagcggcagctgcctggaggccctgggctctctgaacaacaagtactggagggttatctggcaagagatactatgggggagcagaggtgtggatgaaatgagctgctgtccagcggcctggagccttggactcgtgacatcgtcagcagtgaggagcaatgtccagccctactccgggtccccagccaacctggcctctacacagcccttctgcaacctcagacccggatcattgggctggactcggcggcctcaccacggctacatgtctgacgtaagcggatcagccacgtccatcttctcagctatgccctaaagtcaacctggcactgactgctcactttccggccacggctcatatagctggcaccagcgcctatgctgcctcattgactacgcccgatgagagaggtgtgtgatgaagtcaagcacacctgtggcagacatggcccacatcagtgccctggctgccaaggtgattccctcgccttcaagcagcggacatcgtcaccaccactactcaagaactctcagggggcaggtcagggctcattctaccggaaaagggtgaaggctgtggaccccaagactggccggagatccctaacacattggaggaccgaatcaacttggcgtgttccatcctcagggggggccccacaatcatgccattgctgcagtgtgtggccctaaagcagggcctgcaccacctgttccgggactcctgcaagttctgaagaatgctcgggcatggcagatgccctgtcagagcggagctactcactgttatcagggtgactgacaaccacctgtgctgtggactcggcccagcctggatggagctcggggtgagcgggtgctagagctgtatcctacatcctgccaacaagaacacctgtcctggagaccgaagtgcctacacaccggcgcctcggcttgggccccagccttaactctcagacttccgtgagatgacttccggagagttgtgactttatagatgaagggtcaacattggcttagaggtgaagagcaagactgccaagctcaggatttcaactctcctgcttaaggactcagaacaagtgcagcttggccaacctcaggcaacgggtggagcagtttccaggccttccccatgctgtttgatgacattga