



Reference: PTXBC126310

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	glycogen [starch] synthase, liver; glycogen synthase 2 (liver); glycogen synthase 2		
For research use only.			

GENE DESCRIPTION	glycogen synthase 2 (liver)
GENE ID	2998
ORIGIN SPECIES	Human
ACCESSIONS	BC126310
VECTOR	pDONR223
NCBI SYMBOL	GYS2
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)

atgcttcgaggccgatccctctctgttaacatccctgggtggggtctcccggtgggaagtcgaagaactctctgtgaggagttactgctctttgaagttgctctgggaagtgaccataaaagtfgaggcaltctatactgtgtatcagacaaaagccaaaacacgcagatgaatggggagag
acaattattctgatagctccatatttgcagcataatgaagaactcaggtgggaacagctgtgcaacagctgtcaatgaatgattctgtcgaagaagcagtgccagcaatgaataagctgtcgcagaggttcatttggagagaaagagctcttatgtgttactgttcagatgcttaccg
cttgaagctggcagcaggttgggaaggttgacatctcgggaagcagctgctgcattctgcaatcatcagcaggaagccaatgatgctctgatttgcatttaactgtcgcgtctcttlaaagagtggaagacatgcagatggtlaaataattgtgtgtcccaattccatgagccagctgcg
attggactgatcttcttcagcaggaaaactcttattgccaaatattacaaccacgctactactctggggaggtatctctgtgcagcaaatattgattctacaacactctgataagtttaacattgacaaaaggcgtgggaagggcagattaccacggctactgcattggcgcagctt
cgtcttcattgcgtcagctgttccacagctgttgcataaataacgaataagactgaacatctgcaagaagaaagctgatgttacttccaacagctggaattgtaagaatttccagcagtgctatgttttcaaaatcatgctccatgataccgaattccgaattgttcttcgagg
tcattcttctgtatctcagacttgcagtaagaagactgttcttcttactctggcggaggttagtttttcaaaaacaaagctgacatctctcagatcattcttaccgaacttaattctctgagactctctgaagactctataaaagtgcatacagctgttgggttttactatgcctccagaacaaataat
tcaacgtggaaacccctgaaaggacaagcagctgcgaacacagctgtgggattgtgcacattctgtgaaggaagaaatttgaaaaaaactctatgatgcatfattaagaggagaattctgacctgaacgatattttatgcagatgatctacaataattgaaaagagccattcttcaactcag
cgacatgattctggccaggtgacgcacgaacaactgattgatgactccaccgaccatctcagcactataggacggattgaccttttcaaacacgcagcagatgatacgaattgtttgcacacagcagatttctatccacagatcttccactacactgagatgaaagatttggtag
agggttgcatttgcatttcttccatcatatgataacccctgggttataccttgatgcagctgtgtgactgttctccacagtgacacacatctctccgtttggctgtttacaggcagcagctgttcgtactcgtctacgtgttttatactctgtgcagcggctgttccagct
tgattcttgcacagctgactaagtttctctatgattttgcaaacagtcacgccgcaaaaggattacagagaacacgaactgagaggctctcagatcttctggattggagatactaggcagatattacgcagatgcagacacacgtgacatttaagcagagctttccagataaattccatgtg
acaataatcacacacacacacagacagagaagattttaaataatccagccctctcagatcacaccttctccagggtctcagccctcagctctccagacagctgattgttgggaagtgaagtgtgaggtgagatgagatagcatgaggaagaggagctgaaaggagatggtttaaataatcaagtac
caatttccatgaaccctgcttctcctgggaagaaaagaaagcttcagattgaaataaaaactga