

GAD2-glutamate decarboxylase 2 (pancreatic islets and brain, 65kDa) Gene

Reference: PTXBC126327

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	GAD65; glutamate decarboxylase 2; 65 kDa glutamic acid decarboxylase; GAD-65; Glutamate decarboxylase-2 (pancreas); glutamate decarboxylase 2 (pancreatic islets and brain, 65kDa); glutamate decarboxylase 65 kDa isoform		

For research use only.

GENE DESCRIPTION	glutamate decarboxylase 2 (pancreatic islets and brain, 65kDa)
GENE ID	2572
ORIGIN SPECIES	Human
ACCESSIONS	BC126327
VECTOR	pDONR223
NCBI SYMBOL	GAD2
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)

atggcatctcgggctctggttttggcttttgggtcgaagatggctctggggttcgagaatccggcagacgcgagcctggtgccaagtggctcagaagttcagggcgccatcggaacaaactgtgcgcctgtctctacggagacgcccagaagccggcgagagcgccgggagcccaacccccgcggccgcggcggagggcgctgcgctgcgacgaagccctgcagctgtcctcaagtgatgtcaactacgcgtttctcctgcaacagacgtctgcggcgctgtgatggagaaaggccactttggcgtttctgcaagatgtatgaacatttacttcagtatgtgtgaaagtgtcgaatgaacaaagtgtgatttcatttctcaatgagcttcccaagaatataattgggaattggcagacacacacaaatttgagagaaatttgatgcattgccaaacactctaaatgcaattaaaacagggcactctagatactcaatcaacttctactggtttggatatggttgattagcagcagactggctgacatcaacagcaataactaactgttccactatgaaattgtccagttattgtgcttttggaaatgtcacactaaagaaatgagagaaatcattggctgccagggggcctctggcgatgggatattttctccgggtggcgccatctaacatgtatgccatgatgcacgctttaagatgttccagaagtcaggagaaaggaaatggctgtctctccaggctcattgccttcacgtctgaacatagtcatttttctcgaagaggagctgcagccttagggattggacagacagcgtgattctgattaaatgtgatgagagagggaattgattcctgatcttgaagaaggatcttgaagccaaacagaagggtttgttcttctctcgtgagtgccacagctggaaccacgcgtgtacggagcatttgacccctcttagctgtcgtgcacattgcaaaaagtataagatctggatgatgtgagctgtgggtggggtattactgatgtccgaaacacagtgaggaaactgagtggtggagagggcccaactctgtgacgtgggaatccacacagaatgatgggagtcctttgagtgctctgtcctcgtgttagagaaaggaggttgatgcagaattgcaaccaaagcagctcctacctcttccagcaagataacattatgacctgtcctatgacactggagacaaggccttacagtgccggagccagcttgatgttttaactatggctgatgtggaggcgaagggaactaccgggttgaagcgcattgtgataatgtttggagtggcagagtattataacatacaaaaaaccgagaagataagatgtgtttgatgggaagcctcagcacacaaatgtctgtctgtgtacattcctcaagcttgcgtactctggaagacaatgaagagagaatgagtcgcctctcgaagggtggctccagtgattaaagccagaatgatggagtatggaaccacaatggtcagctaccaacccctgggaga