

PRKAA1-protein kinase, AMP-activated, alpha 1 catalytic subunit Gene

Reference: PTXBC048980

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	tau-protein kinase PRKAA1; AMPK; AMPK α 1; 5'-AMP-activated protein kinase catalytic subunit alpha-1; 5'-AMP-activated protein kinase, catalytic alpha-1 chain; ACACA kinase; AMP -activate kinase alpha 1 subunit; AMP-activated protein kinase, catalytic, alph		

For research use only.

GENE DESCRIPTION	protein kinase, AMP-activated, alpha 1 catalytic subunit
GENE ID	5562
ORIGIN SPECIES	Human
ACCESSIONS	BC048980
VECTOR	pDONR223
NCBI SYMBOL	PRKAA1
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)

atgcgcagactcagttcctggagaaagtggcgacagccgagaagcagaacacgacggcggggtgaagatcgccactacattctgggtgacacgctggggctcgccaccttggcaaatgaaggttggcaaatgaattgactgggcataaagtctgtgaagatactcaatgacagaagattcggagccttgatgtgtaggaaaaatccgagagaaatcagaacctcaagctttcaggcatcctcatataaataaactgtaccaggtcatcagatcacctatgtatgttcatgtgtaggaataatgtctcaggaggagagctattgattatctgtgaagtgaaggaaatctgtatctacctggagtagtaaaaaacaggctccacgaaggagctggatgaaaaaagaagtcggcgctgtgttccaacagatccttctgggtgtgattatgtcacaggcatalgtgtgtccatagagatttgaacctgaaatgtcctgtgtgacacatgaatgcaaatagatgctgatttggctttcaaacatgatgtcagatggtgaattttaagaacaagtgtggctcaccacatctgtgcaccagaagaatttcaggaagattgtatgcagccagaggtagatataatggagcagtggtgttattctctatgctttattatgtggaaccttcattgatgatgacctgtgccaactcttttaagaagatgtgtggtgatctctataccctcaatatttaaatccttctgtgattagccttttgaacatafctgcaggtggatcccatgaagaggccacaatcaagatatacagggaacatgaatgggttaaacaggaccttccaaatctcttctgaggatccatcatatagttcaacatgattgatgaagccttaaaagaagtgtgaaaagtgtgagtgctcagaagaggaagttctcagctgtctttacaacagaatcaccaggatccttggcagttgcctacatctcataatagataacaggagaataatgaatgaagcacaagatttctatttggcgacagccaccatgattctttctgtatgatcatcacctgactcggcccatctgaaagagtaccattctgtgtgtgtaaacaccaaaggcgacgccatcccttgatgaattaaatccacagaatccaacaccaaaggtgtaaggaaagcaaatggcatttaggaattagaagtcacaaatgatataatggcagaagtagtagcaatcaacaattggattatgaatggaaggttgaacccatatttgcgtgtacgaaggaagaatcctgtgacaagcacttccaaatgagctacagttataccaagtgatagtagaacttatctggttccgtgattgtatgatgaattacagaagccaaatcaggagctgctactccacagagatcgggacagttagcaactatcgttgcgaaggtgattcagatgctgaggtcaaggaaaatcctcagaagtttcttctacctcatctgtgacctcactgactcttctctgtgaccttaactccaagacctggaagtcacacaatagaatttttgagatgtgtgcaaatcatttaaaattcttgcacataa