

GLUL-glutamate-ammonia ligase (glutamine synthetase) Gene

Reference: PTXBC010037

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	GLNS; PIG43; PIG59; cell proliferation-inducing protein 59; glutamate decarboxylase; glutamine synthase; proliferation-inducing protein 43; glutamate-ammonia ligase		

For research use only.

GENE DESCRIPTION	glutamate-ammonia ligase (glutamine synthetase)
GENE ID	2752
ORIGIN SPECIES	Human
ACCESSIONS	BC010037
VECTOR	pDONR223
NCBI SYMBOL	GLUL
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)

atgaccacctcagcaagttccacttaataaaggcatcaagcaggtgtacatgtccctcagggtgagaaagtcaggccatgtatatctggatcgtgtactggagaaggactgcgtcgaagacccggaccctggacagtgagcccaagtgtgtgaagagttgcctgagtggaatctcagtgactttacagtctgaggggttccaacagtgacatgtatctgtcctgtcgtccatgtttcgggacccctccgtaaggacccctaaacagctgggtgtatgtgaagtttcaagtacaatcgaaggcctgcagagaccaatttgagcacacctgtaaacggataatggacatggtgagcaaccagcaccctgtgttgcatggagcaggaggtataccctcatggggacagatgggcaccccttgggttggccttccaacggcttccaggcggcgggtccatattactgtgtgtgtgggagcagacagagcctatggcagggacatcgtggaggccattaccgggctgctgtgtatgtgagtgcaagattgcgggactaatgccaggtcatgcctgccagtgagggaatttcagattggacctgtgaaggaaatcagcagatgggagatcatctgtgggtggccgtttcatcttgcatcgtgtgtgtgaagactttggagtgtatgcaacatttgatcctaagccattcctgggaactggaatgggtcaggctgccaatacactcagcaccaggccatggggaggagaatggctgaagtacatcaggagggccattgagaaactaagcaagcggcaccagtagccatccgtgcctatgatcccaaggaggcctggacaatgccgacgtctaactgattccatgaaacctccaacatcaacgacttttctgtgtgtgccaatcgtagcgcagcatatcattcccgagctgttggccaggagaagaagggttactttgaagatcgtcggccctctgccaaactgcgacccttttgggtgacagaagccctcatccgcacgtgtcttctcaatgaaacggcgatgagcccttcagtaaaaaattaa