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Product datasheet for SC205541

AGXT2L2 (PHYKPL) (NM_153373) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	AGXT2L2
Synonyms:	AGXT2L2; PHLU
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_153373
Insert Size:	506 bp
Insert Sequence:	>SC205541 3'UTR clone of NM_153373 The sequence shown below is from the reference sequence of NM_153373. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AGTTGTGAAACGCTGAGGCTCCAGCCCTAAGCCAGCCCTGCTCTGCCTAAGTGTACTCCAGAAGAAACT CATCTCATCCAAATACACGCTATTGAGAAGGCGAGCCTGACCTCCCTCTTACAGATAAAGTCAGCTTTC AGAGGCTCAGGGTGGGGGGGCCTGCCCGAGGCCATAATGCTACCCACCCCCTCCTCCTAACCACTGGTC TGTTGGAATAACCCAGATGTCTGCATCCCCTCAAGTCAGTCAATTTCCTTTCTGTCCACTGGGGGTGGA ATGGGGTAGGGTGGGATACTTTAAAGTGCTCCTGCTTAAATAAATTAGACCAGACCAGTGTATTTCTAA AGAAAATCCTGACATGCACACCCATTAAAAATAGTACATTTTACAGTGTCCCAGTCATACTTTTAATTG GCAAATTAAAATAATGCAATCTGATATATTCTATCCTACTAAATTAAAAATACTGAATATAACCAACTA AATATACTTACTCCTAAGACTCA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_153373.4

Summary: This is a nuclear gene encoding a mitochondrial enzyme that catalyzes the conversion of 5-phosphonooxy-L-lysine to ammonia, inorganic phosphate, and 2-aminoadipate semialdehyde. Mutations in this gene may cause phosphohydroxylysinuria. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013]

Locus ID: 85007

MW: 18.3