

## Product datasheet for **SC107646**

### AGXT2L1 (ETNPPL) (NM\_031279) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	AGXT2L1 (ETNPPL) (NM_031279) Human Untagged Clone
Tag:	Tag Free
Symbol:	AGXT2L1
Synonyms:	AGXT2L1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_031279, the custom clone sequence may differ by one or more nucleotides

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ATGTGCGAGCTGTACAGTAAGCGGGACTCTGGGGCTGAGGAAGAAGCACATCGGGCCCTCATGCAAAG
TTTTCTTTCATCGGATCCCATCAAATAGTGAGAGCCCAGAGGCAGTACATGTTTGATGAGAACGGTGA
ACAGTACTTGGACTGCATCAACAATGTTGCCCATGTGGGACTGTCAACCAGGAGTGGTCAAAGCTGCC
CTGAAACAGATGGAAGTCTAAATACAAATTCGATTCTCCACGACAACATTGTTGAGTATGCCAAAC
GCCTTTCAGCAACTCTGCCGGAGAACTCTCTGTTTGTATTTTACAAATTCAGGATCCGAAGCCAACGA
CTTAGCCTTACGCCTGGCTCGGCAGTTCAGAGGCCACCAGGATGTGATCACTCTTGACCATGCTTACCAT
GGTCACCTATCATCCTTAATTGAGATTAGCCCATATAAGTTTCAGAAAGGAAAAGATGTCAAAAAAGAAT
TTGTACATGTGGCACCAACTCCAGATACTTACAGAGGAAAATATAGAGAAGACCATGCAGACTCAGCCAG
TGCTTATGCAGATGAAGTGAAGAAAATCATTGAAGATGCTCATAACAGTGAAGGAAGATTGCTGCCTTT
ATTGCTGAATCCATGCAGAGTTGTGGCGGACAAAATAATCCTCCAGCAGGCTACTTCCAGAAAGTGGCAG
AATATGTACACGGTGCAGGGGTGTGTTATAGCTGATGAAGTCAAGTGGGCTTTGGCAGAGTTGGGAA
ACATTTCTGGAGCTTCCAGATGTATGGTGAAGACTTTGTTCCAGACATCGTCACAATGGGAAAACCGATG
GGCAACGGCCACCCGGTGGCATGTGTGTAACAACCAAGAAATGCAGAAGCCTCAGCAGCTCTGGGA
TGGAAATTTTTAATACGTATGGAGGAAATCCAGTATCTTGTGCTGTTGGTTTGGCTGCTCTGGATATAAT
TGAAAATGAAGACCTTCAAGGAAATGCCAAGAGAGTGGGAATTATCTCACTGAGTTACTGAAAAAACAG
AAGGCTAAACACACTTTGATAGGAGATATTAGGGCATTGGCCTTTTTATTGGAATTGATTTAGTGAAGG
ACCATCTGAAAAGGACCCCTGCCACAGCTGAAGCTCAGCACATCATCTACAAGATGAAAAGAAAAACGAGT
GCTTCTCAGTGCCGATGGACCTCATAGAAATGTAATAAAAACCACTATGTGCTTCACTGAAGAA
GATGCAAAGTTCATGGTGGACCAACTTGATAGGATTCTAACAGTTTTAGAAGAAGCTATGGGAACCAAAA
CCGAAAGTGTGACCTCTGAGAATACTCCATGCAAAAACAAAGATGCTGAAAGAAGCCACATAGAAGTCT
TAGGGACAGCACCCTGACTCCAAGAAAATCCCAGCAGAAAGAGAAATGGAATGTGCACGGATACACAT
TCACTGCTCAGTAAGAGGCTCAAGACATGA
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<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_031279
<b>Insert Size:</b>	2100 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_031279.2</a></u> , <u><a href="#">NP_112569.2</a></u>
<b>RefSeq Size:</b>	2107 bp
<b>RefSeq ORF:</b>	1500 bp
<b>Locus ID:</b>	64850
<b>UniProt ID:</b>	<u><a href="#">Q8TBG4</a></u>
<b>Cytogenetics:</b>	4q25
<b>Domains:</b>	aminotran_3
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	Catalyzes the pyridoxal-phosphate-dependent breakdown of phosphoethanolamine, converting it to ammonia, inorganic phosphate and acetaldehyde.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1).