

## Product datasheet for **RG205429**

### AGXT2L1 (ETNPPL) (NM\_031279) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	AGXT2L1 (ETNPPL) (NM_031279) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	AGXT2L1
Synonyms:	AGXT2L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG205429 representing NM\_031279  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTGCGAGCTGTACAGTAAGCGGGACACTCTGGGGCTGAGGAAGAAGCACATCGGGCCCTCATGCAAAG  
 TTTTCTTTCATCGGATCCCATCAAATAGTGAGAGCCAGAGGCAGTACATGTTTGATGAGAACGGTGA  
 ACAGTACTTGGACTGCATCAACAATGTTGCCCATGTGGGACACTGTCACCCAGGAGTGGTCAAAGCTGCC  
 CTGAAACAGATGGAAGTCTAAATACAAATCTCGATTCTCCACGACAACATTGTTGAGTATGCCAAAC  
 GCCTTTCAGCAACTCTGCCGGAGAACTCTGTGTTGTTATTTTACAAATTCAGGATCCGAAGCCAACGA  
 CTTAGCCTTACGCCTGGCTCGGCAGTTCAGAGGCCACCAGGATGTGATCACTCTTGACCATGCTTACCAT  
 GGTACCTATCATCCTTAATTGAGATTAGCCATATAAGTTTCAGAAAGGAAAAGATGTCAAAAAAGAAAT  
 TTGTACATGTGGACCAACTCCAGATACTACAGAGGAAAATATAGAGAAGACCATGCAGACTCAGCCAG  
 TGCTTATGCAGATGAAGTGAAGAAAATCATTGAAGATGCTCATAACAGTGAAGGAAGATTGCTGCCTTT  
 ATTGCTGAATCCATGCAGAGTTGTGGCGACAAAATAATCCTCCAGCAGGCTACTTCCAGAAAGTGGCAG  
 AATATGTACACGGTGCAGGGGTGTGTTATAGCTGATGAAGTCAAGTGGGCTTTGGCAGAGTTGGGAA  
 ACATTTCTGGAGCTTCCAGATGTATGGTGAAGACTTTGTTCCAGACATCGTCACAATGGGAAAACCGATG  
 GGCAACGGCCACCCGGTGGCATGTGTGGTAACAACCAAAGAAATTGCAGAAGCCTTCAGCAGCTCTGGGA  
 TGGAAATTTTTAATACGTATGGAGGAAATCCAGTATCTTGTGCTGTTGGTTTGGCTGCTCGGATATAAT  
 TGAATAAAGACCTTCAAGGAAATGCCAAGAGAGTAGGGAATTATCTCACTGAGTTACTGAAAAACAG  
 AAGGCTAAACACACTTTGATAGGAGATATTAGGGGCATTGGCCTTTTTATTGGAATTGATTTAGTGAAG  
 ACCATCTGAAAAGGACCCCTGCCACAGCTGAAGCTCAGCACATCATCTACAAGATGAAAGAAAAACGAGT  
 GCTTCTCAGTGCCGATGGACCTCATAGAAATGTACTTAAAAATAAAACCACCTATGTGCTTCACTGAAGAA  
 GATGCAAAGTTTCAAGTGGACCAACTTGTAGGATTCTAACAGTTTTAGAAGAAGCTATGGGAACAAAA  
 CCGAAAGTGTGACCTCTGAGAATACTCCATGCAAAAACAAAGATGCTGAAAGAAGCCACATAGAAGTCT  
 TAGGGACAGCACCCTGACTCCAAGAAAATCCCAGCAGAAAGAGAAATGGAATGTGCACGGATACACAT  
 TCACTGCTCAGTAAGAGGCTCAAGACA

**ACGCGTACGCGGCCGCTCGAG** – GFP Tag – GTTTAA

**Protein Sequence:**

>RG205429 representing NM\_031279  
 Red=Cloning site Green=Tags(s)

MCELYSKRDTLGLRKKHIGPSCVFFASDPIKIVRAQRQYMFDENGEQYLDCINNVAVHGHCHPGVVKAA  
 LKQME LLNTNSRFLHDNIVEYAKRLSATLPEKLSVCYFTNSGSEANDLALRLARQFRGHQDVTILDHAYH  
 GHLSSLIEISPYKFQKGDVKKEFVHVAPTPDTYRGKYREDHADSASAYADEVKKIIEDAHNSGRKIAAF  
 IAESMQSCGGQIIPPAGYFQKVAEYVHGAGGVFIADEVQVGFGRVGHFWSFQMYGEDFVPDIVTMGKPM  
 GNHGHPVACVVTKEIAEAFSSSGMEYFNFTYGGNPVSCAVGLAVLDIIENEDLQGNARKVGNLYTELLKKQ  
 KAKHTLIGDIRGIGLFIGIDLVDHLKRTPATAEAQHIIYKMKEKRVLLSADGPHRNVLKIKPPMCFTEE  
 DAKFMVDQLDRILTVLEEAMGKTESVTSENTPCKTKMLKEAHIELLRDSTTDSKENPSRKRNGMCTDTH  
 SLLSKRLKT

**TRTRPLE** – GFP Tag – V

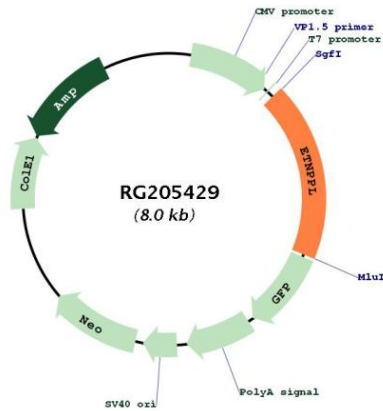
**Restriction Sites:**

Sgfl-Mlul



**Domains:** aminotran\_3  
**Protein Families:** Druggable Genome  
**Gene Summary:** Catalyzes the pyridoxal-phosphate-dependent breakdown of phosphoethanolamine, converting it to ammonia, inorganic phosphate and acetaldehyde.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RG205429