Alanine--Glyoxylate Aminotransferase 2-Like 1 (AGXT2L1) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Alanine--glyoxylate aminotransferase 2-like 1 (AGXT2L1), Recombinant Protein
Full Product Name	Recombinant Human Alanine--glyoxylate aminotransferase 2-like 1 (AGXT2L1)
Product Gene Name	AGXT2L1 recombinant protein
Product Synonym Gene Name	AGXT2L1
Sequence	MCELYSKRDT LGLRKKHIGP SCKVFFASDP IKIVRAQRQY MFDENGEQYL DCINNVAHVG HCHPGVVKAA LKQMELLNTN SRFLHDNIVE YAKRLSATLP EKLSVCYFTN SGSEANDLAL RLARQFRGHQ DVITLDHAYH GHLSSLIEIS PYKFQKGKDV KKEFVHVAPT PDTYRGKYRE DHADSASAYA DEVKKIIEDA HNSGRKIAAF IAESMQSCGG QIIPPAGYFQ KVAEYVHGAG GVFIADEVQV GFGRVGKHFW SFQMYGEDFV PDIVTMGKPM GNGHPVACVV TTKEIAEAFS SSGMEYFNTY GGNPVSCAVG LAVLDIIENE DLQGNAKRVG NYLTELLKKQ KAKHTLIGDI RGIGLFIGID LVKDHLKRTP ATAEAQHIIY KMKEKRVLLS ADGPHRNVLK IKPPMCFTEE DAKFMVDQLD RILTVLEEAM GTKTESVTSE NTPCKTKMLK EAHIELLRDS TTDSKENPSR KRNGMCTDTH SLLSKRLKT
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	48,942 Da
Sequence Positions	1-499, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	614682
3D Structure	ModBase 3D Structure for Q8TBG4
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for AGXT2L1 recombinant protein	MBS1438764 is a recombinant protein targeting AGXT2L1. Also known as Recombinant Human Alanine--glyoxylate aminotransferase 2-like 1 (AGXT2L1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of AGXT2L1 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AGXT2L1. It may not necessarily be applicable to this product.

NCBI GI #	226442705

NCBI GeneID	64850
NCBI Accession #	NP_001140062.1
UniProt Primary Accession #	Q8TBG4
UniProt Secondary Accession #	Q9H174; B7Z1Y0; E9PBY0
UniProt Related Accession #	Q8TBG4
GenBank Nucleotide #	NM_001146590.1
NCBI Official Full Name	ethanolamine-phosphate phospho-lyase isoform 2
NCBI Official Synonym Full Names	ethanolamine-phosphate phospho-lyase
NCBI Official Symbol	ETNPPL
NCBI Official Synonym Symbols	AGXT2L1
UniProt Protein Name	Ethanolamine-phosphate phospho-lyase
UniProt Synonym Protein Names	Alanine--glyoxylate aminotransferase 2-like 1
UniProt Gene Name	ETNPPL
UniProt Synonym Gene Names	AGXT2L1
NCBI Protein Information	ethanolamine-phosphate phospho-lyase
UniProt Comments for AGXT2L1	Catalyzes the pyridoxal-phosphate-dependent breakdown of phosphoethanolamine, converting it to ammonia, inorganic phosphate and acetaldehyde.
Research Articles on AGXT2L1	**1.** AGXT2L1 is down-regulated in hepatocellular carcinoma and its low expression indicates a poor prognosis. AGXT2L1 is a crucial gene in the abnormal lipogenesis of HCC tissue.
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