

Product datasheet for **TP307667L**

AGXT2L2 (PHYKPL) (NM_153373) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human alanine-glyoxylate aminotransferase 2-like 2 (AGXT2L2), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207667 protein sequence Red =Cloning site Green =Tags(s)

MAADQRPKADTLALRQRLISSCRLFFPEDPVKIVRAQGQYMYDEQGAEYIDCISNVAHVGHCHPLVWQA
AHEQNQVLNTNSRYLHDNIVDYAQLRSETLPEQLCVFYFLNSGSEANDLALRLARHYTGHQDVVLDHAY
HGHLSSLIDISPYKFRNLDGQKEWVHVAPLPDITYRGPYREDHPNPAMAYANEVKRVVSSAQEKGRKIAAF
FAESLPSVGGQIIPPAGYFSQVAEHIRKAGGVFVADEIQVGFGRVKGKHFQWAFQLQGKDFVDPDIVTMGKSI
GNGHPVACVAATQPVARAFEATGVEYFNTFGGSPVSCAVGLAVLNVLEKEQLQDHATSVGSFLMQLLGQQ
KIKHPIVGDVRGVGLFIGVDLIKDEATRTPATEEAAYLVSRLENYVLLSTDGPGRNLIKFKPPMCFSLD
NARQVAKLDAILTDMEEKVRSCETLRLQP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	49.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_699204



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Locus ID: 85007

UniProt ID: [Q8IUZ5](#)

RefSeq Size: 2098

Cytogenetics: 5q35.3

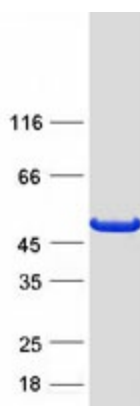
RefSeq ORF: 1350

Synonyms: AGXT2L2; PHLU

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

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified PHYKPL protein (Cat# [TP307667]). The protein was produced from HEK293T cells transfected with PHYKPL cDNA clone (Cat# [RC207667]) using MegaTran 2.0 (Cat# [TT210002]).