

Product datasheet for **TP307667M**

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), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC207667 protein sequence
Red=Cloning site **Green**=Tags(s)

MAADQRPKADTLALRQLISSSCRLFFPEDPVKIVRAQGQYMYDEQGAEYIDCISNVAHVGHCHPLVWQA
AHEQNQVLNTNSRYLHDNIVDYAQLRSETLPEQLCVFYFLNSGSEANDLALRLARHYTGHQDVVLDHAY
HGHSSLIDISPYKFRNLGDGQKEWVHVAPLPD TYRGPYREDHPNPAMAYANEVKRVSSAQEKGRKIAAF
FAESLPSVGGQIIPPAGYFSQVAEHIRKAGGVFADEIQVGFGRVKGKHFVAFQLQKGDFVPDIVTMGKSI
GNGHPVACVAATQPVARAFEATGVEYFNTFGGSPVSCAVGLAVLNVLEKEQLQDHATSVGSFLMQLLGQQ
KIKHPIVGDVRGVGLFIGVDLIKDEATRTPATEEAAYLVSRLENYVLLSTDGPGRNLIKFKPPMCFSLD
NARQVVAKLDAILTDMEEKVRSCETLRLQP

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.



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RefSeq: [NP_699204](#)

Locus ID: 85007

UniProt ID: [Q8IUZ5](#)

RefSeq Size: 2098

Cytogenetics: 5q35.3

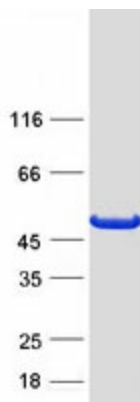
RefSeq ORF: 1350

Synonyms: AGXT2L2; PHLU

Summary: This is a nuclear gene encoding a mitochondrial enzyme that catalyzes the conversion of 5-phosphonooxy-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]).