

Datasheet for ABIN7552375
AGXT2L2 Protein (AA 1-450) (His tag)



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Overview

Quantity:	1 mg
Target:	AGXT2L2
Protein Characteristics:	AA 1-450
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AGXT2L2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat PHYKPL Protein expressed in mammalien cells.
Sequence:	MAADQRPKAD TLALRQLIS SSCRLFFPED PVKIVRAQQG YMYDEQGAEY IDCISNVAHV GHCHPLVVQA AHEQNQVLNT NSRYLHDNIV DYARLSETL PEQLCVFYFL NSGSEANDLA LRLARHYTGH QDVVLDHAY HGHLSSLIDI SPYKFRNLDG QKEVWHVAPL PDTYRGPYRE DHPNPAMAYA NEVKRVVSSA QEKGRKIAAF FAESLPSVGG QIIPPAGYFS QVAEHIRKAG GVFVADEIQV GFGRVGKHFV AFQLQGKDFV PDIVTMGKSI GNGHPVACVA ATQPVARAFE ATGVEYFNTF GGSPVSCAVG LAVLNVLEKE QLQDHATSVG SFLMQLLGQQ KIKHPIVGDV RGVGLFIGVD LIKDEATRTP ATEEAAYLVS RLKENYVLLS TDGPGRNILK FKPPMCFSLD NARQVAKLD AILTDMEEKV RSCETLRLQP Sequence without tag. The proposed Purification- Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Product Details

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

AGXT2L2

Alternative Name:

PHYKPL ([AGXT2L2 Products](#))

Background:

5-phosphohydroxy-L-lysine phospho-lyase (EC 4.2.3.134) (Alanine-glyoxylate aminotransferase 2-like 2),FUNCTION: Catalyzes the pyridoxal-phosphate-dependent breakdown of 5-phosphohydroxy-L-lysine, converting it to ammonia, inorganic phosphate and 2-aminoadipate semialdehyde. {ECO:0000269|PubMed:22241472}.

Molecular Weight:

49.7 kDa

UniProt:

[Q8IUZ5](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions:

For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months