

Datasheet for ABIN7552902
AGBL2 Protein (AA 1-902) (His tag)



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Overview

Quantity:	1 mg
Target:	AGBL2
Protein Characteristics:	AA 1-902
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AGBL2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat AGBL2 Protein expressed in mammalian cells.
Sequence:	MFPALETHLK QTIPDPYEDF MYRHLQYYGY FKAQRGSLPN SATHQHVRKN NPQCLLNGSL GEKDDLIPDT LQKEKLLWPI SLSSAVHRQI EAINRDFHSC LGWMQWRGLS SLQPPPPRFK DSPASAFRVA GITDSHMLSL PHLRSRQLLY DELDEVNPRL REPQELFSIL STKRPLQAPR WPIECEVIKE NIHHEWAPP QPEYFYQPKG NEKVPEIVGE KKGTVVYQLD SVPIEGSYFT SSRVGGKRGV VKELAVTLQG PEDNTLLFES RFESGNLQKA VRVDTYEYEL TLRTDLYTNK HTQWFYFRVQ NTRKDATYRF TIVNLLKPKS LYTVGMKPLL YSQLDANTRN IGWRREGNEI KYYKNNTDDG QQPFYCLTWT IQFPYDQDTC FFAHFYPYTY TDLQCYLLSV ANNPIQSQFC KLQTLCRSLA GNTVYLLTIT NPSQTPQEA AKKAVLSAR VHPGESNGSW VMKGFILDFIL SNSPDAQLLR DIFVFKVLP LNPDGVIVGN YRCSLAGRDL NRHYKTILKE SFPCIWYTRN MIKRLLEERE VLLYCDFHGH SRKNNIFLYG CNNNNRKYWL HERVFPLMLC KNAPDKFSFH SCNFKVQKCK EGTGRVVMWR MGILNSYTME STFGGSTLGN KRDTHTFTIED LKSLGYHVCD

Product Details

TLDFCDPDQ MKFTQCLAEL KELLRQEIHK KFHELGDVD LEGSWSDISL SDIESSTSGS
DSSLSDGLPV HLANIADEL T QKKKMFK KKK KSLQTRKQR NEQYQKKNLM QKLKLTEDTS
EKAGFASTLQ KQPTFFKNSE NSSFLPMKNE NPRLNETNLN RRDKDTPLDP SMATLILPKN
KGRMQNKKPG FTVSCSPKRT INSSQEPAPG MKPNWPRSRYPATKRGCAAM AAYPSLHIYT YP

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.

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:

AGBL2

Alternative Name:

AGBL2 ([AGBL2 Products](#))

Background:

Cytosolic carboxypeptidase 2 (EC 3.4.17.-) (ATP/GTP-binding protein-like 2) (Protein deglutamylase CCP2), FUNCTION: Metalloprotease that mediates deglutamylation of tubulin and non-tubulin target proteins. Catalyzes the removal of polyglutamate side chains present on the gamma-carboxyl group of glutamate residues within the C-terminal tail of tubulin protein. Specifically cleaves tubulin long-side-chains, while it is not able to remove the branching point glutamate. Also catalyzes the removal of polyglutamate residues from the

Target Details

carboxy-terminus of non-tubulin proteins such as MYLK. {ECO:0000250|UniProtKB:Q8CDK2}.

Molecular Weight: 104.2 kDa

UniProt: [Q5U5Z8](#)

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
