

Datasheet for ABIN7557951
ADCK2 Protein (AA 1-617) (His tag)



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Overview

Quantity:	1 mg
Target:	ADCK2
Protein Characteristics:	AA 1-617
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADCK2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Adck2 Protein expressed in mammalian cells.
Sequence:	<p>MVTPWRLSVR VCLSHLRCE FRKELGHSRP LGCSRNARLC WFLLGTLPKL ISAHGSVGEG APGSLCQRKT HWSDLAENGL VEKVAQEGPL ARVLLCLRLG LRAQVLLAKF FPLLFLYPLT YLAPGLSTLW LHLLFKATET SGPTYIKLGQ WASTRRDLFS EAFCTQFSKL HVQVTPHPWA RTEYLLQQAF GEDWGSLLFF ETREPVGSGC VAQVYKAFAS ISLEEDRIW RLGELSAPGT RAVVMQREPF MKDRKPSENLADEAFLEKLL LPKADLGGSE VGVSQAPWHL PKSDHLIPVA VKVLHPGLLS QVSMDLLLMK IGSKALGLLP GVKWLSLPEI VEEFEKLMVQ QTDRLRYEAQN LEHFQHNFDQ MASVKFPTPL RPLITRDILV ETYEESVPVS SYQQAGIPTD LKRKIAQLGI NMLLKMIFVD NFVHGDLPHP NILVQGADGV SPSLEMQQQQ VNVCDTLVAT IAPALCPLRL VLLDAGIVAK LQASDLRNFR AVFQAVVMGQ GHRVAELMLH HAQANECDRV ERFKAEMATL VTQARKNIVT LEKLHVSSLL SSVFKLLMTH KVKLESNFAS IVVAIMVLEG LGRSLDPTLD ILEAAKPFLF KGPASFL Sequence without tag. The proposed Purification-Tag is based on</p>

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:

ADCK2

Alternative Name:

Adck2 ([ADCK2 Products](#))

Background:

Uncharacterized aarF domain-containing protein kinase 2 (EC 2.7.11.-),FUNCTION: The function of this protein is not yet clear. It is not known if it has protein kinase activity and what type of substrate it would phosphorylate (Ser, Thr or Tyr) (Probable). Involved in the mitochondrial import of CoQ precursors, plays a role in muscle mitochondrial function and fatty acid beta-oxidation (PubMed:31480808, PubMed:35936917). {ECO:0000269|PubMed:31480808, ECO:0000269|PubMed:35936917, ECO:0000305}.

Molecular Weight:

68.7 kDa

UniProt:

[Q6NSR3](#)

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.
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Restrictions:	For Research Use only
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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