

Datasheet for ABIN7552145

## AMPD3 Protein (AA 1-767) (His tag)



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### Overview

Quantity:	1 mg
Target:	AMPD3
Protein Characteristics:	AA 1-767
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AMPD3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat AMPD3 Protein expressed in mammalian cells.
Sequence:	<p>MPRQFPKLN SEVDEQVRL AEKVFQKVL EEDSKDALSL FTVPEDCPIG QKEAKERELQ</p> <p>KELAEQKSVE TAKRKKSFKM IRSQSLSLQM PPQQDWKGPP AASPAMSPTT PVVTGATSLP</p> <p>TPAPYAMPEF QRVITSGDYC AGITLEDYEQ AAKSLAKALM IREKYARLAY HRFPRITSQY</p> <p>LGHPRADTAP PEEGLPDFHP PPLPQEDPYC LDDAPPNLDY LVHMQGGILF VYDNKKMLEH</p> <p>QEPHSLPYPD LETYTVDM SH ILALITDGPT KTYCHRRNLN LESKFSLHEM LNEMSEFKEL</p> <p>KSNPHRDFYN VRKVDTHIHA AACMNQKHLL RFIKHTYQTE PDRTVAEKRK RKITLRQVFD</p> <p>GLHMDPYDLT VDSLVDHAGR QTFHRFDKFN SKYNPVGASE LRDLYLKTEN YLGGEYFARM</p> <p>VKEVARELEE SKYQYSEPR SIYGRSPEEW PNLAYWFIQH KVYSPNMRWI IQVPRIYDIF</p> <p>RSKKLLPNFG KMLENIFLPL FKATINPQDH RELHLFLKYV TGFDSDVDES KHS DHMFSDK</p> <p>SPNPDVWTSE QNPYSYYLY YMYANIMVLN NLRERGLST FLFRPHCGEA GSITHLVSAF</p> <p>LTADNISHGL LLKKSPVLQY LYYLAQIPIA MSPLSNNSLF LEYSKNPLRE FLHKGLHVSL</p>

Product Details

STDDPMQFHY TKEALMEEYA IAAQVWKLST CDLCEIARNS VLQSGLSHQE KQKFLGQNY  
KEGPEGNDIR KTNVAQIRMA FRYETLCNEL SFLSDAMKSE EITALTN **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:	<div>Key Benefits:</div> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	AMPD3
Alternative Name:	AMPD3 ( <a href="#">AMPD3 Products</a> )
Background:	AMP deaminase 3 (EC 3.5.4.6) (AMP deaminase isoform E) (Erythrocyte AMP deaminase),FUNCTION: AMP deaminase plays a critical role in energy metabolism. {ECO:0000305 PubMed:9291127}.
Molecular Weight:	88.8 kDa
UniProt:	<a href="#">Q01432</a>

## 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