

Datasheet for ABIN7556463
ADK Protein (AA 1-361) (His tag)



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Overview

Quantity:	1 mg
Target:	ADK
Protein Characteristics:	AA 1-361
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADK protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Adk Protein expressed in mammalian cells.
Sequence:	<p>MAAADEPKPK KLVKEAPQAL SENVLFMGNG PLLDISAVVD KDFLDKYSK PNDQILAEDK HKELFDELVK KFKVEYHAGG STQNSMKVAQ WLIQEPHKA TFFGCIGIDK FGEILKRKA DAHVDAHYE QNEQPTGTCA ACITGGNRSL VANLAAANCY KKEKHDLER NWVLVEKARV YYIAGFFLTV SPESVLKVAR YAAENNRVFT LNLSAPFISQ FFKEALMDVM PYVDILFGNE TEATFAREQ GFETKDIKEI AKKAQALPKV NSKRQRTVIF TQGRDDTIVA AENDVTAFPV LDQNQEEIID TNGAGDAFVG GFLSQLVSDK PLTECIRAGH YAASVIRRT GCTFPEKPDF H</p> <p>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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	ADK
Alternative Name:	Adk (ADK Products)
Background:	Adenosine kinase (AK) (EC 2.7.1.20) (Adenosine 5'-phosphotransferase),FUNCTION: Catalyzes the phosphorylation of the purine nucleoside adenosine at the 5' position in an ATP-dependent manner. Serves as a potential regulator of concentrations of extracellular adenosine and intracellular adenine nucleotides. {ECO:0000269 PubMed:15317590}.
Molecular Weight:	40.1 kDa
UniProt:	P55264
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	We expect the protein to work for functional studies. 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