

Datasheet for ABIN7564742

## DAPK2 Protein (AA 1-370) (His tag)



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### Overview

Quantity:	1 mg
Target:	DAPK2
Protein Characteristics:	AA 1-370
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DAPK2 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant Dapk2 Protein expressed in mammalian cells.
Sequence:	<p>MVQASMRSPN METFKQQKVE DFYDIGEELG SGQFAIVKKC REKSTGLEYA AKFIKKRQSR</p> <p>ASRRGVCREE IEREVSILRQ VLHPNIITLH DUYENRTDVV LILELVSGGE LFDFLAQKES</p> <p>LSEEEATSFI KQILDGVNYL HTKKIAHFDL KPENIMLLDK NIPIPHIKLI DFGLAHEIED GVEFKNIFGT</p> <p>PEFVAPEIVN YEPLGLEADM WSIGVITYIL LSGASPFLGD TKQETLANIT AVSYDFDEEF</p> <p>FSQTSSELAKD FIRKLLVKET RKRLTIQEAL RHPWITPVDV QQAMVRRESV VNLENFKKQY</p> <p>VRRRWKLSFS IVSLCNHLTR SLMKKVHLRT SEDLRNCESD TEENIARRKA LHPRRRSSTS</p> <p><b>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.</b></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

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- 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

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Target:	DAPK2
Alternative Name:	Dapk2 ( <a href="#">DAPK2 Products</a> )
Background:	<p>Death-associated protein kinase 2 (DAP kinase 2) (EC 2.7.11.1) (DAP-kinase-related protein 1) (DRP-1),FUNCTION: Calcium/calmodulin-dependent serine/threonine kinase involved in multiple cellular signaling pathways that trigger cell survival, apoptosis, and autophagy. Capable of regulating both type I apoptotic and type II autophagic cell death signals. The former involves caspase activation, chromatin and mitochondrial condensation while the latter involves caspase-independent cell death in conjunction with accumulation of mature autophagic vesicles, plasma membrane blebs, and nuclear condensation without DNA degradation. Mediator of anoikis and a suppressor of beta-catenin-dependent anchorage-independent growth of malignant epithelial cells. May play a role in granulocytic maturation (By similarity). Regulates granulocytes motility by controlling cell spreading and polarization (PubMed:24163421). {ECO:0000250 UniProtKB:Q9UIK4, ECO:0000269 PubMed:24163421}.</p>
Molecular Weight:	42.8 kDa
UniProt:	<a href="#">Q8VDF3</a>

## 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