

Datasheet for ABIN7552043 **AKIP1 Protein (AA 1-210) (His tag)**



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	AKIP1
Protein Characteristics:	AA 1-210
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AKIP1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat AKIP1 Protein expressed in mammalian cells.
Sequence:	<p>MDNCLAAAAAL NGVDRRLQR SARLALEVL RAKRRVVDWH ALERPKGCMG VLAREAPHLE</p> <p>KQPAAGPQRV LPGEREERPP TLSASFRTMA EFMDYTSSQC GKYYSVPPEE GGATHVYRYH</p> <p>RGESKLHMCL DIGNGQRKDR KKTSLGPGGS YQISEHAPEA SQPAENISKD LYIEVYPGT</p> <p>SVTVGSNDLT KKTHVAVDS GQSVDLVFPV Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p> <p>of the protein could make another tag necessary. In case you have a special request, please</p> <p>contact us.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> • 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

Product Details

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: AKIP1

Alternative Name: AKIP1 ([AKIP1 Products](#))

Background: A-kinase-interacting protein 1 (Breast cancer-associated gene 3 protein) (PKA-interacting protein) (Proline-rich protein BCA3),FUNCTION: Enhances NF-kappa-B transcriptional activity by regulating the nuclear localization of the NF-kappa-B subunit RELA and promoting the phosphorylation of RELA by PRKACA. Regulates the effect of the cAMP-dependent protein kinase signaling pathway on the NF-kappa-B activation cascade.
{ECO:0000269|PubMed:18178962, ECO:0000269|PubMed:20562110}.

Molecular Weight: 23.1 kDa

UniProt: [Q9NQ31](#)

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