

Product datasheet

Recombinant Human AKAP4 protein ab152924

[1 References](#) [1 Image](#)

Description

Product name	Recombinant Human AKAP4 protein
Expression system	Wheat germ
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MMAYSDDTTMMSDDIDWLRSHRGVCKVDLYNPEGQQDQD RKVICFVDVSTL NVEDKDYKDAASSSSEGNLNLGSLEEKEIVIKDTEKDKQS KTEGSVCLF
Amino acids	1 to 100
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab152924** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA Western blot
Form	Liquid

Additional notes

Preparation and Storage

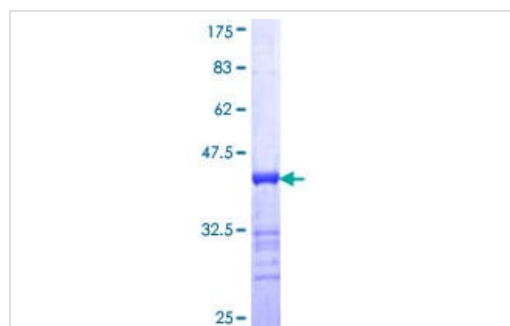
Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

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Function	Major structural component of sperm fibrous sheath. Plays a role in sperm motility.
Tissue specificity	Testis specific; only expressed in round spermatids.
Sequence similarities	Belongs to the AKAP110 family.
Developmental stage	Post-meiotic phase of spermatogenesis.
Domain	RI-alpha binding site, predicted to form an amphipathic helix, could participate in protein-protein interactions with a complementary surface on the R-subunit dimer.
Cellular localization	Cell projection > cilium > flagellum. Localizes to the principle piece of the sperm flagellum.

Images



ab152924 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human AKAP4 protein
(ab152924)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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- Extensive multi-media technical resources to help you
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