

Datasheet for ABIN7548786
KIFAP3 Protein (AA 1-792) (His tag)



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Overview

Quantity:	1 mg
Target:	KIFAP3
Protein Characteristics:	AA 1-792
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIFAP3 protein is labelled with His tag.

Product Details

Purpose: Custom-made recombinant KIFAP3 Protein expressed in mammalian cells.

Sequence: MQGEDARYLK RKVKGGNIDV HPSEKALIVH YEVEATILGE MGDPM LGERK ECQKIIRLKS
LNANTDITSL ARKVVEECKL IHPSKLNVEVE QLLYYLQNRRL DSLSGKEKKE KSSKPKDPPP
FEGMEIDEVA NINDMDEYIE LLYEDIPDKV RGSALILQLA RNP DNLEELL LNETALGALA
RVLREDWKQS VELATNIIYI FFCFSSFSQF HGLITHYKIG ALCMNIIDHE LKRHELWQEE
LSK KKKAVDE DPENQTLRKD YEKTFK KYQG LVVKQEQLLR VALYLLL NLA EDTRTELKMR
NKNIVHMLVK ALDRDNFELL ILVVSFLKKL SIFMENKN DM VEMDIVEKLV KMIPCEHEDL
LNITL RLLL N LSFDTGLRNK MVQVGLLPKL TALLGNDNYK QIAMCVLYHI SMDDRFKSMF
AYTDCIPQLM KMLFECS DER IDLELISFCI NLAANKRNVQ LICEGNGLKM LMKRALKFKD
PLLMKMIRNI SQHDGPTKNL FIDYVGD LAA QISNDEEEEF VIECLGTLAN LTIPDL DWEL
VLKEYKLV PY LKDKLPGAA EDDL VLEVVI MIGTVSMDDS CAALLAKSGI IPALIELLNA
QQEDDEFVCQ IYVFYQMV F HQATRDVIK ETQAPAYLID LMHDKNNEIR KVCDNTLDII
AEYDEEWAKK IQSEKFRWHN SQWLEMVESR QMDESEQYLY GDDRIEPIYH EGDILERPDL

Product Details

FYNSDGLIAS EGAISPDDFN DYHLQNGDVV GQHSFPGSLG MDGFGQPVGI LGRPATAYGF
RPDEPYYYGY GS **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.**

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:

- 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: KIFAP3

Alternative Name: KIFAP3 ([KIFAP3 Products](#))

Background: Kinesin-associated protein 3 (KAP-3) (KAP3) (Smg GDS-associated protein),FUNCTION: Involved in tethering the chromosomes to the spindle pole and in chromosome movement. Binds to the tail domain of the KIF3A/KIF3B heterodimer to form a heterotrimeric KIF3 complex and may regulate the membrane binding of this complex (By similarity). {ECO:0000250}.

Molecular Weight: 91.2 kDa

UniProt: [Q92845](#)

Target Details

Pathways: [Hedgehog Signaling, Sensory Perception of Sound](#)

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