

Datasheet for ABIN7564408
DNAAF2 Protein (AA 1-814) (His tag)



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Overview

Quantity:	1 mg
Target:	DNAAF2 (C14orf104)
Protein Characteristics:	AA 1-814
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DNAAF2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Dnaaf2 Protein expressed in mammalian cells.
Sequence:	MAKAAASSAL EDLDSREEV QRFTSAFQDP EFRRMFSEYA AEITDPENRR RYEEEITALE RERGVDFRVFV HPEPGHVLRT SLDGEHRCYV NVCSNSLVGV PSSRPGPGRG GTAAGSHWSL PYSLAPGRQY AGRNGARYTV YDVVFHPEAL ALARSHERFR EMLDATALEA VEQQFGVRLD RRNAKTLKIK YKGMPEAAVL RTPLPGGVPA QPEGEPPGLF PDPPYPYRYP AAAAANTARS PASPAPAVQ RPEPTEPRCS VVQRHHVDLQ DYRCSRDAAP STVPHELVVT IELPLLRVSE RAELEVKGKL LCLDSRNPY RLRLSLPYPV DDGRGKAQYN KARRQLVVTL PVALADARQE PPAATPEEPA EETGTDDVAR TSAGDFAAAR EESADGTGAD HGEKSGVGAP DPGAHAEGE LVPEPEQDFG GDSVAPLDLG KGTS PGDRSL PYSAFP GGDT ESLCGDPGVQ TNEEQERTRH DTAGSAMGDP GTESIAPVCP PLQCNQDEDS LTLIQVPGI LPQTLHGHLSPVGYELCFST QDSGYSCTLQ FAPENKLSTR EPETSVSLNN AVIVLAKSPE SHGLWREWYC GLNKESLEER LFINEENVNG FLEEVLCSPK KQARSLAPPL IEVLQATDEQ VQIHAELQEC SDPAGLQKGG KGVREGCPKLS EAEAADQSAT SPAASDSAAA VEALKINTHG SAVDLQHGCP EVPHVLSGKP

Product Details

LQPEAKMDPE FIRESSTYS TEEKENIREP VISKGEKING DHPSSLLNKT VVQNIPDFDT

IKETNMQDGS VQIIRDHTTH CAFSFQNPLL YLDL **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: DNAAF2 (C14orf104)

Alternative Name: Dnaaf2 ([C14orf104 Products](#))

Background: Protein kintoun (Dynein assembly factor 2, axonemal),FUNCTION: Required for cytoplasmic pre-assembly of axonemal dyneins, thereby playing a central role in motility in cilia and flagella. Involved in pre-assembly of dynein arm complexes in the cytoplasm before intraflagellar transport loads them for the ciliary compartment. {ECO:0000255|HAMAP-Rule:MF_03069}.

Molecular Weight: 88.3 kDa

Target Details

UniProt: [Q8BPI1](#)

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