

Datasheet for ABIN7554397
DNAAF2 Protein (AA 1-837) (His tag)



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Overview

Quantity:	1 mg
Target:	DNAAF2 (C14orf104)
Protein Characteristics:	AA 1-837
Origin:	Human
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:	MAKAAAASSL EDLDSGEEV QRLTSAFQDP EFRRMFSQYA EELTDPENRR RYEAETALE RERGVEVRFV HPEPGHVLRT SLDGARRCFV NVCSNALVGA PSSRPGSGGD RGAAPGSHWS LPYSLAPGRE YAGRSSSRYM VYDVVFHPDA LALARRHEGF RQMLDATALE AVEKQFGVKL DRRNAKTLKA KYKGTPEAAV LRTPLPGVIP ARPDGEPKGP LPDFPYPYQY PAAPGPRAPS PPEAALQPAP TEPYRSVVQR HHVDLQDYRC SRDSAPSPVP HELVITIELP LLRSAEQAAL EVTRKLLCLD SRKPDYRLRL SLPYPVDDGR GKAQFNKARR QLVVTLPVVL PAARREPAVA VAAAPEESA DRSGTDGQAC ASAREGEAGP ARSRAEDGGH DTCVAGAAGS GVTTLDGPEV APPPAAAGEE RVPKPGEQDL SRHAGSPPGS VEEPSPGGEN SPGGGGSPCL SSRSLAWGSS AGRESARGDS SVETREESEG TGGQRSACAM GPGTKSGEP LCPPLLCNQD KETLTLIIQV PRIQPQSLQG DLNPLWYKLR FSAQDLVYSF FLQFAPENKL STTEPVVISI SNNAVIELAK SPESHGHWRE WYYGVNNDL EERLFVNEEN VNEFLEEVLS SPFKQSMSLT PPLIEVLQVT DNKIQINAKL QECSNSDQLQ GKEERVNEES HLTEKEYIEH CNTPTTSDS SIAVKALQID

Product Details

SFGLVTCFQQ ESLDVSQMIL GKSQQPESKM QSEFIKEKSA TCSNEEKDNL NESVITEEKE
TDGDHLSSLL NKTTVHNIPG FDSIKETNMQ DGSVQVIKDH VTNCAFSFQN SLLYDLD **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: 91.1 kDa

Target Details

UniProt: [Q9NVR5](#)

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
