

Datasheet for ABIN7548740
KIFC1 Protein (AA 1-673) (His tag)



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Overview

Quantity:	1 mg
Target:	KIFC1
Protein Characteristics:	AA 1-673
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIFC1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant KIFC1 Protein expressed in mammalian cells.
Sequence:	MDPQRSPLLE VKGNIELKRP LIKAPSQLPL SGSRLKRRPD QMEDGLEPEK KRTRGLGATT KITTSHPRVP SLTTVPQTQG QTTAQKVSCK TGPRCSTAIA TGLKNQKPVP AVPVQKSGTS GVPPMAGGKK PSKRPAPDLK GQLCDLNAEL KRCRERTQTL DQENQQLQDQ LRDAQQVKA LGTERTTLEG HLAKVQAQAE QGQQLKCLR ACVLELEERL STQEGLVQEL QKKQVELQEE RRGLMSQLEE KERRLQTSEA ALSSSQAEVA SLRQETVAQA ALLTEREERL HGLEMERRRL HNQLQELKGN IRVFCRVRPV LPGEPTPPPG LLLFSPGPGG PSDPPTLSL SRSDERRGTL SGAPAPPTRH DFSFDRVFPP GSGQDEVFEE IAMLVQSALD GYPVCIFAYG QTGSGKTFTM EGGPGGDPQL EGLIPRALRH LFSVAQELSG QGWTYSFVAS YVEIYNETVR DLLATGTRKG QGGECEIRRA GPGSEELTVT NARYVPVSCE KEVDALLHLA RQNRVARTVA QNERSSRSHS VFQLQISGEH SSRGLQCGAP LSLVDLAGSE RLDPGLALGP GERERLRETQ AINSSLSTLG LVIMALSNKE SHVPYRNSKL TYLLQNSLGG SAKMLMFVNI SPLEENVSES LNSLRFASKV NQCIVIGTAQA NRK Sequence without tag. The proposed Purification-Tag is based on

Product Details

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: KIFC1

Alternative Name: KIFC1 ([KIFC1 Products](#))

Background: Kinesin-like protein KIFC1 (Kinesin-like protein 2) (Kinesin-related protein HSET),FUNCTION: Minus end-directed microtubule-dependent motor required for bipolar spindle formation (PubMed:15843429). May contribute to movement of early endocytic vesicles (By similarity). Regulates cilium formation and structure (By similarity). {ECO:0000250|UniProtKB:Q9QWT9, ECO:0000269|PubMed:15843429}.

Molecular Weight: 73.7 kDa

UniProt: [Q9BW19](#)

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
