

Datasheet for ABIN7554375
KIFC2 Protein (AA 1-838) (His tag)



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Overview

Quantity:	1 mg
Target:	KIFC2
Protein Characteristics:	AA 1-838
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIFC2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant KIFC2 Protein expressed in mammalian cells.
Sequence:	<p>MYAFYSLLIY IFYSLFRRDG GAAAAAEPGD PAQRARKPRG RRRPDLPAPE LWTELTGLAA</p> <p>SSEPEDGSEG AAEGRAAAVS LEEALLRLAE FLSVQLGAE SCGGPADLGQ SGEVPSLLTV</p> <p>TSQLLALLAW LRSPRGRQAL LQGTQPAPRV RPPSPDGSTS QEESPSHFTA VPGEPLGDET</p> <p>QGQQPLQLEE DQRAWQRLEQ LILGQLEELK QQLEQQEEEL GRLRLGVGAT DSEKRVQHLLT</p> <p>LENEALKQSL SLMRDLLLLHW GPGPIRAPQ EEAEALLELQ GRLQEAQDTT EALRAQLGVQ</p> <p>EVQLQGLQGA LQQLQQETEQ NCRRELQQMH GQLAGLRARM ASLRQCGDL RGLVSTFTQS</p> <p>CQGSLSEARG QVSWALGALS SGGPGTQLPE GQQGPPAGCP GRLPELKGNI RVLCLRPQT</p> <p>SSSLVSVEPG PGGTVTTCYR GRHRRFRLDW VFPPDASQEE VFRELEPAVL SCLRGYSVCI</p> <p>FTYGQTGTGK TYSMEGPPED PGIVPRALQS LFREMGAGRQ HRVTLISMVEI YNEAVRDLLA</p> <p>PGPPERLAVR QGPEGQGGIQ VAGLTHWDVP NLETLHQMLK LGRSNRATAA TAMNQRSSRS</p> <p>HALVTLLRA ASPPRAPGTA GTLHLVDLAG SERARKAGAA GPPRGDPDGA RRLREAQTIN</p> <p>RSLLALGGVM AALRAHRPHV PFRDSQLTRL LQPALGPGTT AVLLLQVGAG AGQVCACRSP</p>

Product Details

PTRARPPAPL ARRSRGRRI SGRQSAPSSS PTEWVKWSWG QPGAAGSRAP PGRLLPSAPT
LRSPGPPAPL RRPLAVLHAP VPTTARARLS RPQRACPSSP GSRPCPWGLR PGLCWQRR

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: KIFC2

Alternative Name: KIFC2 ([KIFC2 Products](#))

Background: Kinesin-like protein KIFC2,FUNCTION: May play a role in microtubule-dependent retrograde axonal transport. May function as the motor for the transport of multivesicular body (MVB)-like organelles in dendrites (By similarity). {ECO:0000250}.

Molecular Weight: 90.1 kDa

UniProt: [Q96AC6](#)

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