

Datasheet for ABIN7548818
KLC3 Protein (AA 1-504) (His tag)



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Overview

Quantity:	1 mg
Target:	KLC3
Protein Characteristics:	AA 1-504
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KLC3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant KLC3 Protein expressed in mammalian cells.
Sequence:	<p>MSVQVAAPGS AGLGPERLSP EELVRQTRQV VQGLEALRAE HHGLAGHLAE ALAGQGPAAG LEMLEEKQVQ VSHSLEAIEL GLGEAQVLLA LSAHVGALEA EKQLRSQAR RLAQENVWLR EELEETQRRRL RASEESVAQL EEEKRHLEFL GQLRQYDPPA ESQSESPPR RDSLASFPS EEEERKGPEA AGAAAAQGGG YEIPARLRTL HNLVIQYAGQ GRYEVAVPLC RQAEDLERS SGHCHPDVAT MLNILALVYR DQNKYKEATD LLHDALQIRE QTLGPEHPAV AATLNNLAVL YGKRGRYREA EPLCQRALEI REKVLGADHP DVAKQLNNLA LLCQNQGKFE DVERHYARAL SIYEALGGPH DPNVAKTKNN LASAYLKQNK YQQAEELYKE ILHKEDLPAP LGAPNTGTAG DAEQALRRSS SLSKIRE SIR RGSEKLVSR L RGEAAAGAAG MKRAMSLNTL NVDAPRAPGT QFPSWHLDKA PRTLSASTQD LSPH</p> <p>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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

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:

KLC3

Alternative Name:

KLC3 ([KLC3 Products](#))

Background:

Kinesin light chain 3 (KLC2-like) (kinesin light chain 2),FUNCTION: Kinesin is a microtubule-associated force-producing protein that may play a role in organelle transport. Plays a role during spermiogenesis in the development of the sperm tail midpiece and in the normal function of spermatozoa (By similarity). May play a role in the formation of the mitochondrial sheath formation in the developing spermatid midpiece (By similarity).
{ECO:0000250|UniProtKB:Q91W40}.

Molecular Weight:

55.4 kDa

UniProt:

[Q6P597](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

	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