

Datasheet for ABIN7560009  
**KLC3 Protein (AA 1-508) (His tag)**



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## Overview

Quantity:	1 mg
Target:	KLC3
Protein Characteristics:	AA 1-508
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KLC3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Klc3 Protein expressed in mammalien cells.
Sequence:	<p>MSVQVAAPGS TGLGPERLNP EELVRQTRQV VQGLEALRAE HHSLAGHLAE ALAGPGPVAG  VELLEEKQV VNHSLEAIEL GLGEAQVLLA LSAHVSVLEA EKQRLRAQAR RLAQENTWLR  EELEETQRRRL RASEEAVAQL EEEKSHLQFL GQLRQYDPPE ESQRPESPPR RDSLASFPS  EEEEKKGPEA AGAAAAQGGG YEIPARLRTL HNLVIQYAGQ GRYEAVPLC RQALEDLRS  SGHCHPDVAT MLNILALVYR DQNKYKEATE LLHDALQIRE QTLGPEHPAV AATLNNLAVL  YGKRGYREA EPLCQRALEI REKVLGADHP DVAKQLNNLA LLCQNQGKFQ DVERHYARAL  SIYEALGGPQ DPNVAKTKNN LASAYLKQNK YQQAEELYKE ILSQEALPAP LGAPQGGTAG  DTQQVLRRS SSFSKLRESI RRGSEKLVSR LRGEGMAGAA GMKRAMSLNM LNVDPRAAR  TQLSQLSTRH LSEAPRTLSI STQDLSPR <b>Sequence without tag. The proposed Purification-Tag</b>  <b>is based on experiences with the expression system, a different complexity of the protein</b>  <b>could make another tag necessary. In case you have a special request, please contact us.</b></p>

## Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul>
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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, Western Blot
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Grade:	custom-made
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## Target Details

Target:	KLC3
Alternative Name:	Klc3 ( <a href="#">KLC3 Products</a> )
Background:	Kinesin light chain 3,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 (PubMed:22561200). May play a role in the formation of the mitochondrial sheath formation in the developing spermatid midpiece (PubMed:22561200). {ECO:0000269 PubMed:22561200}.
Molecular Weight:	56.0 kDa
UniProt:	<a href="#">Q91W40</a>

## Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

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