

Datasheet for ABIN7554310  
**KIF15 Protein (AA 1-1388) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	KIF15
Protein Characteristics:	AA 1-1388
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIF15 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant KIF15 Protein expressed in mammalian cells.
Sequence:	MAPGCKTELR SVTNGQSNQP SNEGDAIKVF VRIRPPAERS GSADGEQNLCSVLSSTSLR LHSNPEPKTF TFDHVADVDT TQESVFATVA KSIVESCMSG YNGTIFAYGQ TGSGKTFTMM GPSESDNFSH NLRGVIPRSF EYLFSLIDRE KEKAGAGKSF LCKCSFIEIY NEQIYDLLDS ASAGLYLREH IKKGVFVGA VEQVVTSAE AYQVLSGGWR NRRVASTSMN RESSRSHAVF TITIESMEKS NEIVNIRTSL LNLVDLAGSE RQKDTAEGM RLKEAGNINR SLSCLGQVIT ALVDVGNQKQ RHVCYRDSKL TFLLRDSLGG NAKTAIIANV HPGSRFCGET LSTLNFAQRA KLIKNAVVN EDTQGNVSQL QAEVKRLKEQ LAELASGQTP PESFLTRDKK KTNIMEYFQE AMLFFKKEQ EKKSLIEKVT QLEDLTLKKE KFIQSNKMIV KFREDQIIRL EKLHKESRGG FLPEEQDRLL SELRNEIQLT REQIEHPRV AKYAMENHSL REENRRLRL EPVKRAQEMD AQTIACLEKA FSEISGMEKS DKNQQGFSPK AQKEPCLFAN TEKLKAQLLQ IQTELNNSKQ EYEEFKELTR KRQLELESEL QSLQKANLNL ENLLEATKAC KRQEVSQLNK IHAETLKIIT TPTKAYQLHS RPVPKLSPEM GSGSLYTQN SSILDNDILN EPVPEMNEQ AFEAISEELR

TVQEQMSALQ AKLDEEEHKN LKLQQHVDKL EHHSTQMQL FSSERIDWTK QQEELLSQLN  
VLEKQLQETQ TKNDFLKSEV HDLRVVLHSA DKELSSVKLE YSSFKTNQEK EFNKLSERHM  
HVQLQLDNLR LENEKLESK ACLQDSYDNL QEIMKFEIDQ LSRNLQNFKK ENETLKSDLN  
NLMELLEAEK ERNNKLSLQF EEDKENSske ILKVLEAVRQ EKQKETAKCE QQMAKVQKLE  
ESLLATEKVI SSLEKSRDSD KKVVADLMNQ IQELRTSVCE KTETIDTLKQ ELKDINCKYN  
SALVDREESR VLIKKQEVDI LDLKETLRLR ILSEDIERDM LCEDLAHATE QLNMLTEASK  
KHSGLLQSAQ EELTKKEALI QELQHKLNQK KEEVEQKKNE YNFKMRQLEH VMDSAAEDPQ  
SPKTPPHFQT HLAKLETQE QEIEDGRASK TSLEHLVTKL NEDREVKNAE ILRMKEQLRE  
MENLRLESQQ LIEKNWLLQG QLDDIKRQKE NSDQNHDPNQ QLKNEQEESI KERLAISKIV  
EEMLKMKADL EEVQSALYNK EMECLRMTDE VERTQTLESK AFQEKEQLRS KLEEMYEERE  
RTSQEMEMLR KQVECLAEEN GKLVGHQNLH QKIQYVVRLK KENVRLAEET EKLRAENVFL  
KEKKRSES **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.**

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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.

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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.

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Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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Grade: custom-made

## Target Details

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Target:	KIF15
Alternative Name:	KIF15 ( <a href="#">KIF15 Products</a> )
Background:	Kinesin-like protein KIF15 (Kinesin-like protein 2) (hKLP2) (Kinesin-like protein 7) (Serologically defined breast cancer antigen NY-BR-62),FUNCTION: Plus-end directed kinesin-like motor enzyme involved in mitotic spindle assembly. {ECO:0000250}.
Molecular Weight:	160.2 kDa
UniProt:	<a href="#">Q9NS87</a>

## Application Details

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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

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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