

Datasheet for ABIN7554574

## KIAA0753 Protein (KIAA0753) (AA 1-967) (His tag)



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### Overview

|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| Quantity:                     | 1 mg                                            |
| Target:                       | KIAA0753                                        |
| Protein Characteristics:      | AA 1-967                                        |
| Origin:                       | Human                                           |
| Source:                       | HEK-293 Cells                                   |
| Protein Type:                 | Recombinant                                     |
| Purification tag / Conjugate: | This KIAA0753 protein is labelled with His tag. |

### Product Details

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Purpose:  | Custom-made recombinant KIAA0753 Protein expressed in mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Sequence: | <p>MGPGQPASTC VHLAPRTQLD GRSDPKVLQT QNQLQFNRRV PTHSSNLAIR YSCPHAIRIE</p> <p>KLKHSYNESY HCKDADCRVG PDLGSSVSFS VISQERLSYA VHLARRDVKR RQFEKHIKEH</p> <p>HLRSQPQSSQ KCGHTKYKIP DHRVERKESK SQAACQCSHQ PSKVEISSSG AKVYLYSSHP</p> <p>GQSDLTVPNS PPTHDPGLQP HPRIGDHKNI SEQKSLLEVQ RLQKELSSCI HKIEEVTKKD</p> <p>RLEEALDPDE ERRIRIRRQE QAARSARMLY VLQQQVKEIQ EELDKLSPHK IKHTKKSWAM</p> <p>SKLAAAHARGA IRALQMFTVQ FTDRGEHPLP ARCKELGSLI RQLSLCSVKL DADPSVPDVV</p> <p>IDILQQIEAL ESLEKKLSP KKVKKCFSEI RSRFPIGSQK ALERWPSTSP KGERRPLTAK</p> <p>DTFPQETSRP SVAQQLLADK YQPDTELPET QRLQSELDVL DADIVLEEGP FILDQSASFK</p> <p>DEVLAVAKTK AGKKKPV TEN VPFRKKDTLA PARQQGLRKA ERGRQSQPHS KSRVQQTTVS</p> <p>SRLKMNRPV KDRKAPWIPP NPTSPASP KCAAWLKVKTS PRDATKEPLQ QEDPQEESHL</p> <p>TGAVEHEAAR LAWLDAETSK RLKELEELKA KEIDSMQKQR LDWLDAETSR RTKELNELKA</p> <p>EEMYRLQQLS VSATHLADKV EEAFLDRLKP LLVKAQRVNS TTEANIHLKD GSSVNTAKAQ</p> |

## Product Details

PAQEVAAVDF ESNNIRQLDD FLEDCASELW AVTHAKILGS ETLATVEDSK DSPDLEIMMR  
RMEEMEKYQE SVRQRYNKIA YADPRLWMQE ENNDQKISAI SEKPLSPHPI RITKTVDRKD  
PAVNIMLERP CNGNSLDESV GTEEGSEKRE APLLSLAEDS QQKEGRAPLF VPPGMQHSIG  
DYCSRFEQYL RIISHEAVGS FNPWLIAESF SEELVDEALG AVAAELQDMC EDYAEAVFTS EFLEAAT

**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:** KIAA0753

**Alternative Name:** KIAA0753 ([KIAA0753 Products](#))

**Background:** Protein moonraker (MNR) (OFD1- and FOPNL-interacting protein),FUNCTION: Involved in centriole duplication (PubMed:24613305, PubMed:26297806). Positively regulates CEP63 centrosomal localization (PubMed:24613305, PubMed:26297806). Required for WDR62 centrosomal localization and promotes the centrosomal localization of CDK2

## Target Details

(PubMed:24613305, PubMed:26297806). May play a role in cilium assembly.  
{ECO:0000269|PubMed:24613305, ECO:0000269|PubMed:26297806,  
ECO:0000269|PubMed:28220259}.

Molecular Weight: 109.4 kDa

UniProt: [Q2KHM9](#)

## 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