

Datasheet for ABIN7560916  
**LRRC50 Protein (AA 1-634) (His tag)**



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## Overview

Quantity:	1 mg
Target:	LRRC50
Protein Characteristics:	AA 1-634
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LRRC50 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Dnaaf1 Protein expressed in mammalian cells.
Sequence:	MHPEVSEPPV DSVAEPSLEE SAGDHGDAGP GIRKEEISSET KETCAGPCTT SCPSQQQPSG DNGSEGFTCH SRDDREDRGP RMTKQFLQKL CKQHKLIVTP ALNDTLYLHF KGFDRIENLE EYTGLRCLWL ECNGIQRIEN LQAQSELRCL FLQVNULLHKI ENLEPLQKLD ALNLSNNYIK TIENLSCLPV LNTLQMAHNR LETVADIEHL RECLRLCVLD LSHNALSDPE ILSVLESMPG LRVLNLMGNP VTKHIPNYRR TVTVRLKHLT YLDDRPVFPK DRACAEAWAR GGYAAEKEER RQWESREHKK ITDSLEALAM IKRRAEERKK ARDRGETPLP DSEGS IPTSP EAEKQPMGE IQKKMELFVE ESFEAKDEL F PETPGGEKEL HVVVNGAVE NPDLSGSLAH NQTPVVVTPE ESTSPVAATD GARTEDIEAV AVEIKERLFI DDLPDLEDAE GTDVSVEDQI KETDIPRIQA ISSLSDDSDP ELDELSLSTS EATPTGATGA LSHIFAISKG PSTAATVPFT DICKPIATTD LESQQDCGA AASRPLIQEL NDEPAEEAAN QLPPTCAS DPALAHPSGD GSDSQLPAA TLLGDGAEDE AESSVHPKEP STRVGLIEDIE FGLD <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity</b>

## Product Details

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**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

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## Target Details

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Target: LRRC50

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Alternative Name: Dnaaf1 ([LRRC50 Products](#))

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Background: Dynein axonemal assembly factor 1 (Leucine-rich repeat-containing protein 50),FUNCTION: Cilium-specific protein required for the stability of the ciliary architecture. Plays a role in cytoplasmic preassembly of dynein arms (By similarity). Involved in regulation of microtubule-based cilia and actin-based brush border microvilli (By similarity). {ECO:0000250}.

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Molecular Weight: 69.7 kDa

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UniProt: [Q9D2H9](#)

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## 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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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