

Datasheet for ABIN7549070
LRRC49 Protein (AA 1-686) (His tag)



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Overview

Quantity:	1 mg
Target:	LRRC49
Protein Characteristics:	AA 1-686
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LRRC49 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant LRRC49 Protein expressed in mammalian cells.
Sequence:	MIPGKYRSVS GRAANNVNCG LHLVIQTSSL PEKNKVEFKL NKDTSSFPGR LLQHDLERNY SSRQGDHINL VSSSLSSFPI LQRSSEKIL YSDRLSLERQ KLTVCPIING EDHLRLLNFQ HNFITRIQNI SNLQKLISLD LYDNQIEEIS GLSTLRCLRV LLLGKNRIKK ISNLENLKSL DVLDLHGNQI TKIENINHLC ELRVLNLARN FLSHVDNLNG LDSLTELNLR HNQITFVRDV DNLPCQLHLF LSFNNISSFD SVSCLADSSS LSDITFDGNP IAQESWYKHT VLQNMMLRQ LDMKRITEEE RRMASVLAKK EEEKKRESHK QSLLKEKKRL TINNVARQWD LQQQRVANIA TNEDRKSDSDS PQDPCQIDGS TLSAFPEETG PLDSGLNNAL QGLSVIDTYL VEVDGDTLSL YGSGALES LD RNWSVQTAGM ITTVSFTFIE FDEIVQVLPK LKIKFPNSLH LKFKETNLVM LQQFNALQAL RRIDQLTIDP QGNPVVNF TLWKYYVLFRLS HFMSMQKINGT EVTQNDMIMA ERLFGILAHV ASSELPQYRL ISILGDARKK QFRYLLESKG KKPGEIINEEN NDSKRLVGEN TNRATLNYTT RDFYNEKLEE IKEKKKFKCT YIEDLVKEAT EINMKNEALQ KLWPQMFIEL VRDAVIEIRN KNSYMKLCLQ QITDQK Sequence without tag. The proposed Purification-Tag is based on

Product Details

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: LRRC49

Alternative Name: LRRC49 ([LRRC49 Products](#))

Background: Leucine-rich repeat-containing protein 49 (Centriolar satellite-associated tubulin polyglutamylase complex regulator 2) (Tubulin polyglutamylase complex subunit 4) (PGs4),FUNCTION: Subunit of the tubulin polyglutamylase complex (TPGC). The complex mediates cilia and flagella polyglutamylation which is essential for their biogenesis and motility. {ECO:0000305|PubMed:34782749}.

Molecular Weight: 78.9 kDa

UniProt: [Q8IUZ0](#)

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
