

Datasheet for ABIN7549113  
**LRGUK Protein (AA 1-825) (His tag)**



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## Overview

Quantity:	1 mg
Target:	LRGUK
Protein Characteristics:	AA 1-825
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LRGUK protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant LRGUK Protein expressed in mammalian cells.
Sequence:	MATSERALLR TRAASLLRGL GRSRTGARS LQFRAEKERQP CWSFPMGQKT KGSSNIASSY LLQQLMHRYQ ELDSGDDEDQ GEGEAGSEES SESEMLNLEE EFDGVLREEA VAKALHHLGR SGSGTEQVYL NLTLSGCNLI DVSILCGYVH LQKLDLSANK IEDLSCVSCM PYLLELNASQ NNLTTFFNFK PPKNLKKADF SHNQISEICD LSAYHALTKL ILDGNEIEEI SGLEMCNNLI HLSLANNKIT TINGLNKLPI KILCLSNNQI EMITGLEDLK ALQNLDSLHN QISSLQGLEN HDLLEVINLE DNKIAELREI EYIKNLPILR VLNLLENPIQ EKSEYFFFVI FMLLRLTELD QKKIKVEEKV SAVNKYDPPP EVVAAQDHLT HVVNSVMQPQ RIFDSTLPSL DAPYPMLILA GPEACGKREL AHLRCRQFST YFRYGACHTT RPPYFGEADR VDYHFISQDV FDEMVMNGKF ILTFSYGNHK YGLNRDVEG IARDGLASCI HMEIEGVRSL KYSYFEPRIY LVVPMNKEY EGYLRRKGLF SRAEIEFAVS RVDLYIKINQ NFPGYFDEVI NADDLDVAYQ KLSQLIREYL GLTEEPAKSL ATTADVKTSH LKPEAHPTKY ISSNMGDFLH STDRNYLIK F WAKLSAKKTP AERDSIHRQH EAARQALMGR IRPDHTLLFQ RGPVPAPLTS GLHYTTLEE LWKSFDLCED YFKPPFGYP

## Product Details

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EKSGKDSLVS MKCSLFRFCP WSKELPFQPP EGSISHLGS GASDSETEET RKALPIQSFS  
HEKESHQHRQ HSVPVISRPG SNVKPTLPPI PQGRR **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: LRGUK

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

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Background: Leucine-rich repeat and guanylate kinase domain-containing protein,FUNCTION: Involved in multiple aspects of sperm assembly including acrosome attachment, shaping of the sperm head and in the early aspects of axoneme development. Not essential for primary cilium biogenesis. {ECO:0000250|UniProtKB:Q9D5S7}.

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Molecular Weight: 93.6 kDa

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## Target Details

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UniProt: [Q96M69](#)

## 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