

Datasheet for ABIN7564291  
**LLGL1 Protein (AA 1-1036) (His tag)**



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## Overview

Quantity: 1 mg

Target: LLGL1

Protein Characteristics: AA 1-1036

Origin: Mouse

Source: HEK-293 Cells

Protein Type: Recombinant

Purification tag / Conjugate: This LLGL1 protein is labelled with His tag.

Application: SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose: Custom-made recombinat Llgl1 Protein expressed in mammalien cells.

Sequence: MMKFRFRRRQG ADPQREKLKQ ELFAFHKTVE HGFPNQPSAL AFDPELRIMA IGTRSGAVKI  
 YGAPGVEFTG LHRDAATVTQ MHFLPGQGRL LTLDDSSLH LWEIIHNGC AHLEEGLSFH  
 PPSRPSFDNA SFPASLTRVT VLLVAGNTA ALGTESGSIF FLDVATLALL EGQTLSPDVV  
 LRSVPDDYRC GKALGPVESL QGHLQDPSKI LIGYSRGLLV IWSQATQSVD NVFLGNQQLE  
 SLCWGRDGSS ISSHSDGSY AIWSTDTGSP PTLQPTVVTT PYGPFPCCKAI NKILWRSCES  
 GDHFIIFSGG MPRASYGDRH CVSVLRAETL VTLDFTSRVI DFFT VHSTQP EDECDNPQAL  
 AVLLEELWV LDLQTPGWPA VPAPYLAPLH SSAITCSAHV ANVPSKLWAR IVSAGEQQSP  
 QPASSALSWP ITGGRNLAQE PSQRGLLLTG HEDGTVRFWD ASGVALRPLY KLSTAGLFQT  
 DCEHADSLAQ AVEDDWPPFR KVGCFDPYSD DPRLGIQKVA LCKYTAQMVV AGTAGQVLVL  
 ELSEVPAEHA VSVANVDLLQ DREGFTWKGH ERLNPHTGLL PWPAGFQPRM LIQCLPPAAV  
 TAVTLHAEWS LVAFGTSHGF GLFDYQRKSP VLARCTLHPN DSLAMEGPLS RVKSLKKSRL

## Product Details

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QSFRRIRKSR VSGKKRTPAA SSKLQEANAQ LAEQTCPHDL EMTPVQRRIE PRSADDSLSG  
VVRCLYFADT FLRDATHHGP TMWAGTNSGS VFAYALEVPA ATAGGEKRPE QAVEAVLGKE  
VQLMHRAPVV AIAVLDGRGR PLPEPYEASR DLAQAPDMQG GHAVLIASEE QFKVFTLPKV  
SAKTKFKLTA HEGCRVRKVA LATFASVMSE DYAETCLAEL TNLGDVHVFS VPGLRPQVHY  
SCIRKEDISG IASCVFTRHG QGFYLISPSE FERFSLSARN ITEPLCSLDI SWPQNATQPR  
LQESPKLSQA NGTRDIILAP ESCEGSPSSA HSKRADTMEP PEAALSPVSI DSAASGDTML  
DTTGDTVVEY VKDFLG **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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### 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, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

LLGL1

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### Alternative Name:

Llgl1 ([LLGL1 Products](#))

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### Background:

Lethal(2) giant larvae protein homolog 1 (LLGL) (Mgl-1) (Mlgl),FUNCTION: Cortical cytoskeleton protein found in a complex involved in maintaining cell polarity and epithelial integrity. Involved in the regulation of mitotic spindle orientation, proliferation, differentiation and tissue organization of neuroepithelial cells. Involved in axonogenesis through RAB10 activation

## Target Details

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thereby regulating vesicular membrane trafficking toward the axonal plasma membrane.

Molecular Weight: 112.6 kDa

UniProt: [Q80Y17](#)

Pathways: [WNT Signaling](#)

## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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