

Datasheet for ABIN7559383  
**LGSN Protein (AA 1-563) (His tag)**



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## Overview

Quantity:	1 mg
Target:	LGSN
Protein Characteristics:	AA 1-563
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LGSN protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Lgsn Protein expressed in mammalian cells.
Sequence:	<p>MTDEGDLAQE DTAKDEGNVT EGSRMSKLRK ARRKVTKPHL CSMDGEEIAK ANSSEMSRNQ IADLSKPGSA ESWSHSAKD AYHPTPVVKP SLPSALAGAP DAEFSPNTDP TRYNAQSFNP PQLSARMKHI KQEMAKNHLQ FVRFEATDLH GVSRSKSIPA QFFQEKVIHG VFMPRGYLEL MPNPKDNEVN HIRATCFNSD IVLMPELSTF RVLPPWAERTA RVICDTFTVT GEPLLTSPRY IAKRQLRQLQ DAGFCLLSAF IYDFCIFGVP EVINSKTISF PASTLLSNHD QPFMQELVEG LYQTGANVES FSSSTRPGQM EICFLPEFGI SSADNAFTLR TGLQEVARRY NYIASLVIET GFCNSGILSH SIWDVGGKTN MFCSGSGVER LTLTGKKWLA GLLKHSAAALS CLMAPAVNCR KRYCKDSRDL KDSVPTTWGY NDNSCALNIK CHGEKGTQIE NKLGSATANP YLVLAATVAA GLDGLQSSDG AAAGSDESQD LYQPEPSEIP LKMEDALAAL EQDECLKQAL GETFIRYFVA MKKYELENEE TDAEGNKFLE YFI <b>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.</b></p>

## Product Details

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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:** LGSN

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**Alternative Name:** Lgsn ([LGSN Products](#))

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**Background:** Lengsin (Glutamate-ammonia ligase domain-containing protein 1) (Lens glutamine synthase-like),FUNCTION: May act as a component of the cytoskeleton or as a chaperone for the reorganization of intermediate filament proteins during terminal differentiation in the lens. Does not seem to have enzymatic activity. {ECO:0000269|PubMed:18178558}.

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**Molecular Weight:** 62.2 kDa

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**UniProt:** [Q8CIX8](#)

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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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## Application Details

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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