

Datasheet for ABIN7549809  
**GNL2 Protein (AA 1-731) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	GNL2
Protein Characteristics:	AA 1-731
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GNL2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant GNL2 Protein expressed in mammalian cells.
Sequence:	MVKPKYKGRS TINPSKASTN PDRVQGAGGQ NMRDRATIRR LNMYRQKERR NSRGKIIKPL QYQSTVASGT VARVEPNIKW FGNTRVIKQS SLQKFQEEMD TVMKDPYKVV MKQSKLPMSL LHDIRPHNL KVHILDTESE ETTFGPKSQR KRPNLFASDM QSLIENAEMS TESYDQGKDR DLVTEDTGVR NEAQEEIYKK GQSKRIWGEL YKVIDSSDVV VQVLDARDPM GTRSPHIETY LKKEKPWKHL IFVLNKCDLV PTWATKRWWA VLSQDYPTLA FHASLTNPFQ KGAFIQLLRQ FGKLHTDKKQ ISVGFYGYPN V GKSSVINTL RSKKVCNVAP IAGETKVVQY I TLMRRIFLI DCPGVVYPSE DSETDIVLKG VVQVEKIKSP EDHIGAVLER AKPEYISKTY KIDSWENAED FLEKLAFTG KLLKGGEPDL QTVGKMLND WQRGRIPFFV KPPNAEPLVA PQLLPSSSLE VVPEAAQNNP GEEVTETAGE GSESIKEET EENSHCDANT EMQQLTRVR QNFGKINVVP QFSGDDLVPV EVSDLEEELE SFSDEEEEEEQ EQQRDDAEESSSEPEEENVG NDTKAVIKAL DEKIAKYQKF LDKAKAKKFS AVRISKGLSE KIFAKPEEQR KTLLEEDVDDR APSKKGKRRK AQREEEQEHS NKAPRALTSK ERRRAVRQQR PKKVGVRYYE THNVKNRNRN KKKTNDSEGG

## Product Details

---

KHKRKKFRQK Q **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.**

**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:** GNL2

**Alternative Name:** GNL2 ([GNL2 Products](#))

**Background:** Nucleolar GTP-binding protein 2 (Autoantigen NGP-1),FUNCTION: GTPase that associates with pre-60S ribosomal subunits in the nucleolus and is required for their nuclear export and maturation (PubMed:32669547). May promote cell proliferation possibly by increasing p53/TP53 protein levels, and consequently those of its downstream product CDKN1A/p21, and decreasing RPL23A protein levels (PubMed:26203195). {ECO:0000269|PubMed:26203195, ECO:0000269|PubMed:32669547}.

**Molecular Weight:** 83.7 kDa

## Target Details

---

UniProt: [Q13823](#)

## 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