

Datasheet for ABIN7564133
GNL3L Protein (AA 1-577) (His tag)



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Overview

Quantity:	1 mg
Target:	GNL3L
Protein Characteristics:	AA 1-577
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GNL3L protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Gnl3l Protein expressed in mammalian cells.
Sequence:	MMKIRHKNKK PGKGSKGCKK PARQNGKKVT SRPSSAPQIV HGNDHASREA ELKKKRVEEM REKQQVAREQ ERQRHRTMES YCQDVLKRQQ EFEQKKEVLQ ELNMFQLDD EATRKAYYKE FRKVEYSVDV ILEVLDARDP LGCRCFQMEE TVLRAEGNKK LVLVLNKIDL VPKEIVEKWL EYLLNELPTV AFKASTQHHQ VKNLTRCKVP VDQASESLK SRACFGAENL MRVLGNYCRL GEVRGHIRVG VVGLPNVGKS SLINSLKRSR ACSVGAVPGV TKFMQEVYLD KFIRLLDAPG IVPGNSEVG TILRNCHVQ KLADPVTPE TILQRCNLEE ISSYYGVSGF QTTEHFLTAV AHLRGKKKKG GVYSQEQAQK AVLADWVSGK ISFYTLPPPT HTLPTHLSAE IVKEMTEVFD IEDTEHANED TMECLAVGES DELLGDMDPQ EMEVRWLHSP LVKIADAIEN RSTVYKIGNL TGYCTKPNRN QMGWPKRNV DHHCPQNNRVV EVSSVDRRPM LQRILETDPL QQGQALASAL KNKKKLQKRS DKIATKLSDS MMSMLDLSGN SDDCAGD 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

Product Details

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: GNL3L

Alternative Name: Gnl3l ([GNL3L Products](#))

Background: Guanine nucleotide-binding protein-like 3-like protein,FUNCTION: Stabilizes TERF1 telomeric association by preventing TERF1 recruitment by PML. Stabilizes TERF1 protein by preventing its ubiquitination and hence proteasomal degradation. Does so by interfering with TERF1-binding to FBXO4 E3 ubiquitin-protein ligase. Required for cell proliferation. By stabilizing TRF1 protein during mitosis, promotes metaphase-to-anaphase transition. Stabilizes MDM2 protein by preventing its ubiquitination, and hence proteasomal degradation. By acting on MDM2, may affect TP53 activity. Required for normal processing of ribosomal pre-rRNA. Binds GTP (By similarity). {ECO:0000250, ECO:0000269|PubMed:19487455, ECO:0000269|PubMed:21132010}.

Molecular Weight: 65.2 kDa

Target Details

UniProt: [Q6PGG6](#)

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