

# Recombinant Human GNL2, His-tagged

**Cat. No.** GNL2-28149TH **Lot. No.** (See product label)

## SPECIFICATION

|                                 |                                                                                                                                                                                                                                                         |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>         | Recombinant fragment, corresponding to amino acids 181-731 of Human GNL2, with N terminal His tag, 551 amino acids, MWt 87.8kDa ,                                                                                                                       |
| <b>Species</b>                  | Human                                                                                                                                                                                                                                                   |
| <b>Source</b>                   | E.coli                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>            | 181-731 a.a.                                                                                                                                                                                                                                            |
| <b>Description</b>              | GLN2 associates with pre-60S ribosomal subunits in the nucleolus and is required for their nuclear export and maturation.                                                                                                                               |
| <b>Conjugation</b>              | HIS                                                                                                                                                                                                                                                     |
| <b>Form</b>                     | Lyophilised:Reconstitution with 103 µl aqua dest.                                                                                                                                                                                                       |
| <b>Storage buffer</b>           | Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5                                                                                                                                           |
| <b>Storage</b>                  | Store at 4°C. Upon reconstitution store at -80oC.                                                                                                                                                                                                       |
| <b>Sequences of amino acids</b> | DLVTEDTGVRNEAQEEIYKKGQSKRIWGELYKVIDSSDVV VQVLDARDPMGTRSPH<br>IETYLKKEKPWKHLIFVLNKCD LVPTWATKRWWAVLSQDYPTLAFHASLTNPFGKGA<br>FIQLL RQFGKLHTDKKQISVGFIGYPNVGKSSVINTLRSKKVC NVAPIAGETKVVQYI<br>TLMRRIFLIDCPGVVYPSEDSETDI VLKGVVQVEKIKSPEDHIGAVLERAKPEYISKTY |

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KIDS WENAEDFLEKLAFRTGKLLKGGEPDLQTVGKMVLNDWQ RGRIPFFVKPPNA  
 EPLVAPQLLPSSSLEVVPAAQNNPGE EVTETAGEGSESIKEETEENSHCDANTEM  
 QQILTRVR QNFGKINVVPQFSGDDLVPVEVSDLEEELESFSDEEEEEQ EQQRDDA  
 EESSEPEEENVGNDTKAVIKALDEKIAKYQ KFLDKAKAKKFSAVRISKGLSEKIFAK  
 PEEQRKTLEEDVD DRAPSKKGKKRKAQREEEQEHSNKAPRALTSKERRRAV RQQ  
 RPKKVGVRYYETHNVKNRNRNKKKTNDSEGQKHKR KKFRQKQ

## GENE INFORMATION

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Gene Name           | GNL2 guanine nucleotide binding protein-like 2 (nucleolar) [ Homo sapiens ]                                             |
| Official Symbol     | GNL2                                                                                                                    |
| Synonyms            | GNL2; guanine nucleotide binding protein-like 2 (nucleolar); nucleolar GTP-binding protein 2; HUMAUANTIG; Ngp 1;        |
| Gene ID             | 29889                                                                                                                   |
| mRNA Refseq         | NM_013285                                                                                                               |
| Protein Refseq      | NP_037417                                                                                                               |
| MIM                 | 609365                                                                                                                  |
| Uniprot ID          | Q13823                                                                                                                  |
| Chromosome Location | 1p34                                                                                                                    |
| Pathway             | Ribosome biogenesis in eukaryotes, organism-specific biosystem; Ribosome biogenesis in eukaryotes, conserved biosystem; |

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**Function**

GTP binding; GTP binding; GTPase activity; nucleotide binding;

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