

Recombinant Human GNL2, His-tagged

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

SPECIFICATION

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|---------------------------------|--|
| Product Overview | Recombinant fragment, corresponding to amino acids 181-731 of Human GNL2, with N terminal His tag, 551 amino acids, MWt 87.8kDa , |
| Species | Human |
| Source | E.coli |
| ProteinLength | 181-731 a.a. |
| Description | GLN2 associates with pre-60S ribosomal subunits in the nucleolus and is required for their nuclear export and maturation. |
| Conjugation | HIS |
| Form | Lyophilised:Reconstitution with 103 µl aqua dest. |
| Storage buffer | Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5 |
| Storage | Store at 4°C. Upon reconstitution store at -80oC. |
| Sequences of amino acids | DLVTEDTGVRNEAQEEIYKKGQSKRIWGELYKVIDSSDVV VQVLDARDPMGTRSPH IETYLKKEKPWKHLIFVLNKCD LVPTWATKRWVAVLSQDYPTLAFHASLTNPFKGA FIQLL RQFGKLHTDKKQISVGFIGYPNVGKSSVINTLRSKKVC NVAPIAGETKVWQYI TLMRRIFLIDCPGVVYPSEDSETDI VLKGVVQVEKIKSPEDHIGAVLERAKPEYISKTY |

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KIDS WENAEDFLEKLAERTGKLLKGGEPDLQTVGKMVLNDWQ RGRIPFFVKPPNA
 EPLVAPQLLPSSSLEVVPEAAQNNPGE EVTETAGEGSESIKEETEENSHCDANTEM
 QQILTRVR QNFGKINVVPQFSGDDLVPVEVSDLEEELESFSDEEEEEQ EQQRDDA
 EESSSEPEEENVGNDTKAVIKALDEKIAKYQ 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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