

# Recombinant Full Length Human GNL3L Protein, GST-tagged

**Cat. No.** GNL3L-5398HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human GNL3L full-length ORF ( NP_061940.1, 1 a.a. - 582 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 582 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | The protein encoded by this gene appears to be a nucleolar GTPase that is essential for ribosomal pre-rRNA processing and cell proliferation. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, May 2010]                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 92 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MMKLRHKNKKPGEGSKGHKKISWPYPQPAKQNGKKATSKVPSAPHFVHPNDHANR<br>EAELKKKWVEEMREKQQAAREQERQKRRTIESYCQDVLRRQEEFEHKEEVLQELN<br>MFPQLDDEATRKAYYKEFRKVVEYSDVILEVLDARDPLGCRCFQMEEAVLRAQGNK<br>KLVLVLNKIDLVPKEVVEKWLDYLRNELPTVAFKASTQHQQVKNLNRCSVPVDQASES<br>LLKSKACFGAENLMRVLGNYCRLGEVRTHIRVGVVGLPNVGKSSLINSLKRSRACSV<br>GAVPGITKFMQEVYLDKFIRLLDAPGIVPGPNSEVGTILRNCVHVQKLADPVTPTVETIL<br>QRCNLEEISNYYGVSGFQTTEHFLTAVAHRLGKKKKGGGLYSQEQAQAVLADWVSG<br>KISFYIPPPATHTLPTHLSAEIVKEMTEVFDIEDTEQANEDTMECLATGESDELLGDTD<br>PLEMEIKLLHSPMTKIADAIENKTTVYKIGDLTGYCTNPNRHQMGWAKRNVDRPKS |

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|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | NSMVDVCSVDRRSVLQRIMETDPLQQGQALASALKNKKKMQRADKIASKLSDSM<br>MSALDLSGNADDGVGD                                                                                        |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                 |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                            |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                          |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                          |
| <b>GENE INFORMATION</b> |                                                                                                                                                                   |
| <b>Gene Name</b>        | GNL3L guanine nucleotide binding protein-like 3 (nucleolar)-like [ Homo sapiens ]                                                                                 |
| <b>Official Symbol</b>  | GNL3L                                                                                                                                                             |
| <b>Synonyms</b>         | GNL3L; guanine nucleotide binding protein-like 3 (nucleolar)-like; guanine nucleotide-binding protein-like 3-like protein; FLJ10613; novel GTPase; RP11-353K22.1; |
| <b>Gene ID</b>          | 54552                                                                                                                                                             |
| <b>mRNA Refseq</b>      | NM_001184819                                                                                                                                                      |
| <b>Protein Refseq</b>   | NP_001171748                                                                                                                                                      |
| <b>MIM</b>              | 300873                                                                                                                                                            |

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UniProt ID

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