

## Recombinant Human GNL3 Protein, GST-tagged

**Cat. No.** GNL3-5081H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Human GNL3 full-length ORF ( AAH01024.1, 1 a.a. - 549 a.a.) recombinant protein with GST-tag at N-terminal.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | Wheat Germ  |
| <b>Description</b>      | The protein encoded by this gene may interact with p53 and may be involved in tumorigenesis. The encoded protein also appears to be important for stem cell proliferation. This protein is found in both the nucleus and nucleolus. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Nov 2010]   |
| <b>Molecular Mass</b>   | 88.4 kDa  |
| <b>AA Sequence</b>      | <p>MKRPKLLKASKRMTCHKRYKIQKKVREHHRKLRKEAKKQGHKKPRKDPGVPNSAP<br/> FKEALLREAE LRKQRLEELKQQQLDRQKELEKRRKLETNPDIKPSNVEPMEKEFGL<br/> CKTENKAKSGKQNSKKLYCQELKKVIEASDVVLEVL DARDPLGCRCPQVEE AIVQSG<br/> QKKLVLILNKSDLVPKENLESWLNLYLKKELPTVVFRASTKPKDKGKITKRVKAKKNAA<br/> PFRSEVCFGKEGLWKLLGGFQETCSKAIRVGVIGFPNVGKSSIINSLKQE QM CNVGV<br/> SMGLTRSMQVVPLDKQITIIDSPSFIVSPLNSSSALALRSPASIEVVKPME AASAILSQ<br/> ADARQVVLKYTVPGYRNSLEFFTMLAQRRGMHQKGGIPNVEGA AKLLWSEWTGAS<br/> LAYYCHPPTSWTPPPYFNESIVVDMKSGFNLEELEKNN AQ SIRA IKGPHLANSILFQS<br/> SGLTNGIIEEKDIHEELPKRKRERKQEEREDDKDSDQETVDEEVDENSSGMFAAEETG</p> |

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**Applications**

Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name**

[GNL3 guanine nucleotide binding protein-like 3 \(nucleolar\) \[ Homo sapiens \]](#)

**Official Symbol**

[GNL3](#)

**Synonyms**

GNL3; guanine nucleotide binding protein-like 3 (nucleolar); guanine nucleotide-binding protein-like 3; C77032; E2IG3; MGC800; NS; nucleostemin; E2-induced gene 3 protein; novel nucleolar protein 47; nucleolar GTP-binding protein 3; estradiol-induced nucleotide binding protein; NNP47;

**Gene ID**

[26354](#)

**mRNA Refseq**

[NM\\_014366](#)

**Protein Refseq**

[NP\\_055181](#)

**MIM**

[608011](#)

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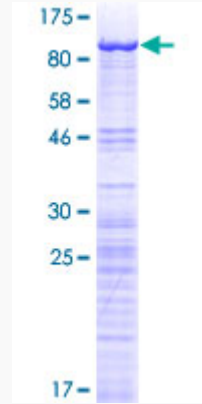
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UniProt ID

Q9BVP2

Quality Control  
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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