

Recombinant Human GNL3 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human GNL3 full-length ORF (AAH01024.1, 1 a.a. - 549 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	88.4 kDa
AA Sequence	MKRPKLKKASKRMTCHKRYKIQKKVREHHRKLRKEAKKQGHKKPRKDPGVPNSAP FKEALLREAELRKQRLEELKQQQKLDQRQKELEKKRKLETNPDIKPSNVEPMEKEFGL CKTENKAKSGKQNSKKLYCQELKKVIEASDVVLEVLDARDPLGCRCPQVEEAIVQSG QKKLVLILNKSDLVPKENLESWLNLYLKKELPTVVFRASKPKDKGKITKRVKAKKNAA PFRSEVCFGKEGLWKLLGGFQETCSKAIRVGVIGFPNVGKSSIINSLKQEQMCNVGV SMGLTRSMQVVPLDKQITIIDSPSFIVSPLNSSSALALRSPASIEVVKPMEAASAILSQ ADARQVVLKYTVPGYRNSLEFFTMLAQRRGMHQKGGIPNVEGAACKLLWSEWTGAS LAYYCHPPTSWTPPPYFNESIVVDMKSGFNLEELEKNNAQSIRAIKGPLHANSILFQS SGLTNGIIEEKDIHEELPKRKERKQEEREDDKDSDQETVDEEVDENSSGMFAAEETG

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EALSEETTAGEQSTRSFILDKIIIEDDAYDFSTDYV

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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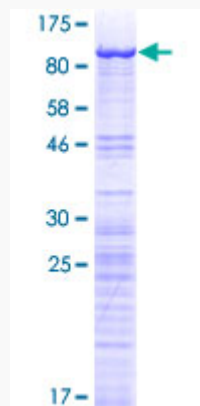
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UniProt ID

Q9BVP2

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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