

Recombinant Full Length Human GNL3 Protein, GST-tagged

Cat. No. GNL3-5397HF **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	In Vitro Cell Free System
ProteinLength	549 amino acids
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 FKEALLREAE LRKQRLEELKQQQKLD RQKELEKKRKLETNPDIKPSNVEPMEKEFGL CKTENKAKSGKQNSKKLYCQELKKVIEASDVVLEVLDARDPLGCRCPQVEEAIVQSG QKKLVLI LNKSDLVPKENLESWLN YLKKELPTVVFRASTKPKDKGKITKRVKAKKNAA PFRSEVCFGKEGLWKLLGGFQETCSKAIRVGVIGFPNVGKSSIINSLKQE QMCNVGV SMGLTRSMQVVPLDKQITIIDSPSFIVSPLNSSSALALRSPASIEVVKPMEAA SAILSQ ADARQVVLKYTVPGYRNSLEFFTMLAQRRGMHQKGGIPNVEGA AKLLWSEWTGAS LAYYCHPPTSWTPPPYFNESIVVDMKSGFNLEELEKNNAQSIRAIKGPLHANSILFQS

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SGLTNGIIEEKDIHEELPKRKERKQEEREDDKDSDQETVDEEVDENSSGMFAAEETG
EALSEETTAGEQSTRSFILDKIIEEDDAYDFSTDYV

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

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MIM	608011
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UniProt ID	Q9BVP2
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