

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
Protein Length	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	<p>MKRPKLKASKRMTCHKRYKIQKKVREHHRKLRKEAKKQGHKKPRKDPGVPNSAP FKEALLREAELRKQRLEELKQQQKLDROKLEKRRKLETNPDIKPSNVEPMEKEFGL CKTENKAKSGKQNSKKLYCQELKKVIEASDVVLEVLDARDPLGCRCPQVEEAIQSG QKKLVLILNKSDLVPKENLESWLNLYLKKELPTVVFRASTKPKDKGKITKRVKAKKNAA PFRSEVCFGKEGLWKLLGGFQETCSKAIRVGVIGFPNVGKSSIINSLKQEQMCNVGV SMGLTRSMQVVPLDKQITIIDSPSFIVSPLNSSSALALRSPASIEVVKPMEEAASAILSQ ADARQVVLKYTPGYRNSLEFFTMLAQRRGMHQKGGIPNVEGAAKLLWSEWTGAS LAYYCHPPTSWTPPPYFNESIVVDMKSGFNLEEELEKNNAQSIRAIKGPLANSILFQS</p>

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SGLTNGIIEEKDIHEELPKRKERKQEEREDDKDSDQETVDEEVDENSSGMFAAEETG
EALSEETTAGEQSTRSFILDKIIEEDDAYDFSTDYV

Applications	<p>Enzyme-linked Immunoabsorbent Assay</p> <p>Western Blot (Recombinant protein)</p> <p>Antibody Production</p> <p>Protein Array</p>
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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