

Recombinant Human GAR1 Protein, GST-tagged

Cat. No. GAR1-5978H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human NOLA1 partial ORF (NP_127460, 60 a.a. - 150 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	<p>This gene is a member of the H/ACA snoRNPs (small nucleolar ribonucleoproteins) gene family. snoRNPs are involved in various aspects of rRNA processing and modification and have been classified into two families: C/D and H/ACA. The H/ACA snoRNPs also include the DKC1, NOLA2 and NOLA3 proteins. These four H/ACA snoRNP proteins localize to the dense fibrillar components of nucleoli and to coiled (Cajal) bodies in the nucleus. Both 18S rRNA production and rRNA pseudouridylation are impaired if any one of the four proteins is depleted. These four H/ACA snoRNP proteins are also components of the telomerase complex. The encoded protein of this gene contains two glycine- and arginine-rich domains and is related to <i>Saccharomyces cerevisiae</i> Gar1p. Two splice variants have been found for this gene. [provided by RefSeq]</p>
Molecular Mass	35.75 kDa
AA Sequence	KGQDQGPPERVVLLGEFLHPCEDDIVCKCTTDENKVPYFNAPVYLENKEQIGKVDEI FGQLRDFYFSVKLSENMKASSFKKLQKFYIDPYK
Applications	Enzyme-linked Immunoabsorbent Assay

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	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	GAR1 GAR1 ribonucleoprotein homolog (yeast) [Homo sapiens]
Official Symbol	GAR1
Synonyms	GAR1 ribonucleoprotein homolog (yeast); 14264; Ensembl:ENSG00000109534; H/ACA ribonucleoprotein complex subunit 1;snoRNP protein GAR1;nucleolar protein family A member 1;nucleolar protein family A, member 1 (H/ACA small nucleolar RNPs); NOLA1
Gene ID	54433
mRNA Refseq	NM_018983
Protein Refseq	NP_061856
MIM	606468
UniProt ID	Q9NY12

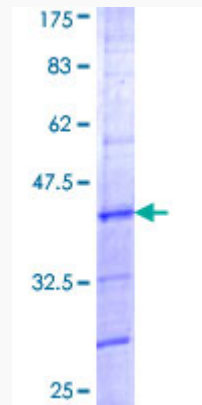
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Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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