

GAR1 抗原（重组蛋白）

中文名称：GAR1 抗原（重组蛋白）

英文名称：GAR1 Antigen (Recombinant Protein)

别名：NOLA1

储存：冷冻（-20℃）

相关类别：抗原

概述

Full length fusion protein

技术规格

Full name:	GAR1 homolog, ribonucleoprotein
Synonyms:	NOLA1
Swissprot:	Q9NY12
Gene Accession:	BC003413
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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 processing

udouridylation 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 *Saccharomyces cerevisiae* Gar1p. Two splice variants have been found for this gene.