

Recombinant Human NOP10 Protein, GST-tagged

Cat. No. NOP10-5981H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NOLA3 partial ORF (NP_061118.1, 1 a.a. - 64 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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, NOLA1 and NOLA2 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. The four H/ACA snoRNP proteins are also components of the telomerase complex. This gene encodes a protein related to <i>Saccharomyces cerevisiae</i> Nop10p. [provided by RefSeq]
Molecular Mass	32.78 kDa
AA Sequence	MFLQYYLNEQGDRVYTLKKFDPMGQQTCSAHPARFSPDDKYSRHRITIKRFRKVLMTQQRPVL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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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.

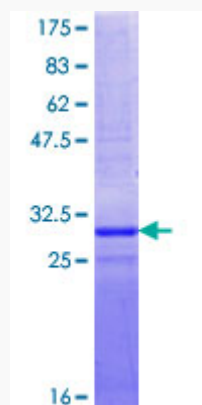
GENE INFORMATION

Gene Name	NOP10 NOP10 ribonucleoprotein [Homo sapiens (human)]
Official Symbol	NOP10
Synonyms	NOP10; DKCB1; NOLA3; NOP10P; NOP10 ribonucleoprotein; H/ACA ribonucleoprotein complex subunit 3; nucleolar protein 10; snoRNP protein NOP10; homolog of yeast Nop10p; NOP10 ribonucleoprotein homolog; nucleolar protein family A member 3; nucleolar protein family A, member 3 (H/ACA small nucleolar RNPs)
Gene ID	55505
mRNA Refseq	NM_018648
Protein Refseq	NP_061118
MIM	606471
UniProt ID	Q9NPE3

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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