

Full-Length

NOP10 (Human) Recombinant Protein (P01)

Catalog # H00055505-P01

Size 50 ug

Specification

Product Description	Human NOP10 full-length ORF (AAH08886.1, 1 a.a. - 64 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MFLQYYLNEQGDRVYTLKKFDPMGQQTCSAHPARFSPDDKYSRHRITIKKRFKVLMTQQPRPVL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	33.44
Interspecies Antigen Sequence	Mouse (100); Rat (100)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NOP10

Entrez GeneID [55505](#)

GeneBank Accession# [BC008886.2](#)

Protein Accession# [AAH08886.1](#)

Gene Name NOP10

Gene Alias MGC70651, NOLA3, NOP10P

Gene Description NOP10 ribonucleoprotein homolog (yeast)

Omim ID [606471](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 *Saccharomyces cerevisiae* Nop10p. [provided by RefSeq]

Other Designations homolog of yeast Nop10p|nucleolar protein family A, member 3|nucleolar protein family A, member 3 (H/ACA small nucleolar RNPs)

Disease

- [Anemia](#)