Recombinant Human NOP56, His-tagged

Cat. No. NOP56-29657TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 235-594 of Human NOL5A with N terminal His tag; Predicted MWt 41 kDa.
Species	Human
Source	E.coli
ProteinLength	235-594 a.a.
Description	Nop56p is a yeast nucleolar protein that is part of a complex with the nucleolar proteins Nop58p and fibrillarin. Nop56p is required for assembly of the 60S ribosomal subunit and is involved in pre-rRNA processing. The protein encoded by this gene is similar in sequence to Nop56p and is also found in the nucleolus. Multiple transcript variants encoding several different isoforms have been found for this gene, but the full-length nature of most of them has not been determined.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 67 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Sequences of amino acids	TMDGAKAKAILDASRSSMGMDISAIDLINIESFSSRVVSL SEYRQSLHTYLRSKMSQV APSLSALIGEAVGARLIAHA GSLTNLAKYPASTVQILGAEKALFRALKTRGNTPKYGL IFHSTFIGRAAAKNKGRISRYLANKCSIASRIDCFSEVPT SVFGEKLREQVEERLSFY ETGEIPRKNLDVMKEAMVQA EEAAAEITRKLEKQEKKRLKKEKKRLAALALASSENS S STPEECEEMSEKPKKKKKQKPQEVPQENGMEDPSISFSKPKKKKSFSKEELMSS DLEETAGSTSIPKRKKSTPKEETV NDPEEAGHRSGSKKKRKFSKEEPVSSGPEEAV GKSSSK KKKKFHKASQED

GENE INFORMATION

Gene Name	NOP56 NOP56 ribonucleoprotein homolog (yeast) [Homo sapiens]
Official Symbol	NOP56
Synonyms	NOP56; NOP56 ribonucleoprotein homolog (yeast); NOL5A, nucleolar protein 5A (56kD with KKE/D repeat) , nucleolar protein 5A (56kDa with KKE/D repeat); nucleolar protein 56; SCA36; spinocerebellar ataxia 36;
Gene ID	10528
mRNA Refseq	NM_006392
Protein Refseq	NP_006383
MIM	614154
Uniprot ID	O00567
Chromosome Location	20p13

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Pathway	Association of TriC/CCT with target proteins during biosynthesis, organism-specific biosystem; Chaperonin-mediated protein folding, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Protein folding, organism-specific biosystem; Ribosome biogenesis in eukaryotes, organism-specific biosystem;
Function	RNA binding; protein binding; snoRNA binding;

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