

Datasheet for ABIN7549772

Nop14 Protein (AA 1-857) (His tag)



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Overview

Quantity:	1 mg
Target:	Nop14
Protein Characteristics:	AA 1-857
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Nop14 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat NOP14 Protein expressed in mammalian cells.
Sequence:	<p>MAKAKKVGAR RKASGAPAGA RGGPAKANSN PFEVKVNRQK FQILGRKTRH DVGLPGVSRA</p> <p>RALRKRTQTL LKEYKERDKS NVFRDKRFGY YNSNMSPEEK MMKRFALQQ RHHEKKSIN</p> <p>LNDEELTHY GQSLADIEKH NDIVDSDSA EDRLTSLAEL TAAHFGGGGG LLHKKTQEG</p> <p>EEREKPKSRK ELIEELIAKS KQEKRRQAQ REDALELTK LDQDWKEIQT LLSHKTPKSE</p> <p>NRDKKEPKPK DAYDMMVREL GFEMKAQPSN RMKTEAELAK EEQEHLRLKLE AERLRMLGK</p> <p>DEDENVKKPK HMSADDLNDG FVLDKDDRRL LSYKDGKMNV EEDVQEEQSK EASDPESNEE</p> <p>EGDSSGGEDT EESDSPSHL DLESNVESEE ENKPAKEQR QTPGKGLISG KERAGKATRD</p> <p>ELPYTFAAPE SYEELRSLLL GRSMEEQLLV VERIQKCNHP SLAEGNKAKL EKLFGLFLEY</p> <p>VGDLATDDPP DLTVIDKLTV HLYHLCQMFP ESASDAIKFV LRDAMHEMEE MIETKGRAAL</p> <p>PGLDVLILYK ITGLLFPTSD FWHPVVTPL VCLSQLTKC PILSLQDVVK GLFVCCFLFLE</p> <p>YVALSQRFIP ELINFLGIL YIATPNKASQ GSTLVHPFRA LGKNSSELLV SAREDVATWQ</p>

QSSLSLRWAS RLRAPTSTEA NHIRLSCLAV GLALLKRCVL MYGSLPSFHA IMGPLQALLT
DHLADCSHPQ ELQELCQSTL TEMESQKQLC RPLTCEKSKP VPLKLFTPRL VKVLEFGRKQ
GSSKEEQERK RLIHKHKREF KGAVREIRKD NQFLARMQLS EIMERDAERK RKKVQLFNSL
ATQEGEWKAL KRKKFKK **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	Nop14
Alternative Name:	NOP14 (Nop14 Products)
Background:	Nucleolar protein 14 (Nucleolar complex protein 14),FUNCTION: Involved in nucleolar processing of pre-18S ribosomal RNA. Has a role in the nuclear export of 40S pre-ribosomal subunit to the cytoplasm (By similarity). {ECO:0000250}.
Molecular Weight:	97.7 kDa
UniProt:	P78316

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months