

Datasheet for ABIN7554758

NOC2L Protein (AA 1-749) (His tag)



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Overview

Quantity:	1 mg
Target:	NOC2L
Protein Characteristics:	AA 1-749
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NOC2L protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat NOC2L Protein expressed in mammalian cells.
Sequence:	<p>MAAAGSRKRR LAELTVDEFL ASGFDSESES ESENSPQAET REAREAARSP DKPGGSPSAS</p> <p>RRKGRASEHK DQLSRLKDRD PEFYKFLQEN DQSLNFSDS DSSEEEEGPF HSLPDVLEEA</p> <p>SEEDGAEAG EDGDRVPRGL KGKKNSVPVT VAMVERWKQA AKQRLTPKLF HEVVQAFRAA</p> <p>VATTRGDQES AEANKFQVTD SAAFNALVTF CIRDIGCLQ KLLFGKVAKD SSRMLQPSSS</p> <p>PLWGKLRVDI KAYLGSAIQL VSCLSETTVL AAVLRHISVL VPCFLTFPKQ CRMLLKRMVI</p> <p>VWSTGEESLR VLAFLVLSRV CRHKKDTFLG PVLKQMYITY VRNCKFTSPG ALPFISFMQW</p> <p>TLTELLALEP GVAYQHAFly IRQLAIHLRN AMTTRKKETY QSVYNWQYVH CLFLWCRVLS</p> <p>TAGPSEALQP LUYPLAQVII GCIKLIPTAR FYPLRMHCIR ALTLLSGSSG AFIPVLPFIL</p> <p>EMFQQVDFNR KPGRMSSKPI NFSVILKLSN VNLQEKAYRD GLVEQLYDLT LEYLHSQAHC</p> <p>IGFPELVLPV VLQLKSFLRE CKVANYCRQV QLLGKVQEN SAYICSRRQR VSGFVSEQQA</p> <p>VEAWEKLTRE EGTPLTLYYS HWRKLRDREI QLEISGKERL EDLNFPEIKR RKMADRKDED</p>

RKQFKDLFDL NSSEDDTEG FSEGRILRPL STRHGVEDDE EDEEEGEEDS SNSEDGDPDA
EAGLAPGELQ QLAQGPEDL EDLQSEDD **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
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Grade:	custom-made
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Target Details

Target:	NOC2L
Alternative Name:	NOC2L (NOC2L Products)
Background:	<p>Nucleolar complex protein 2 homolog (Protein NOC2 homolog) (NOC2-like protein) (Novel INHAT repressor),FUNCTION: Acts as an inhibitor of histone acetyltransferase activity, prevents acetylation of all core histones by the EP300/p300 histone acetyltransferase at p53/TP53-regulated target promoters in a histone deacetylases (HDAC)-independent manner. Acts as a transcription corepressor of p53/TP53- and TP63-mediated transactivation of the p21/CDKN1A promoter. Involved in the regulation of p53/TP53-dependent apoptosis. Associates together with TP63 isoform TA*-gamma to the p21/CDKN1A promoter.</p> <p>{ECO:0000269 PubMed:16322561, ECO:0000269 PubMed:20123734,</p>

Target Details

	ECO:0000269 PubMed:20959462}.
Molecular Weight:	84.9 kDa
UniProt:	Q9Y3T9
Pathways:	Negative Regulation of intrinsic apoptotic Signaling

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.
Restrictions:	For Research Use only

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