

Datasheet for ABIN7549948
NUP54 Protein (AA 1-507) (His tag)



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Overview

Quantity:	1 mg
Target:	NUP54
Protein Characteristics:	AA 1-507
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NUP54 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat NUP54 Protein expressed in mammalian cells.
Sequence:	<p>MAFNFGAPSG TSGTAAATAA PAGGFGGFGT TSTTAGSAFS FSAPTNTGTT GLFGGTQNKG FGFGTGF GTT TGTSTGLGTG LGTGLGFGGF NTQQQQQTTL GGLFSQPTQA PTQSNQLINT ASALSAPTLL GDERDAILAK WNQLQAFWGT GKG YFNNIP PVEFTQENPF CRFKAVGYSC MPSNKDEDGL VLVFNK KET EIRSQQQLV ESLHKVLGGN QTLTVNVEGT KTL PDDQTEV VIYVVERSPN GTSRRVPATT LYAHFEQANI KTQLQLGVT LSMTRTELSP AQIKQLLQNP PAGVDPIIWE QAKVDNPDSE KLIPVPMVGF KELLRRLKVQ DQMTKQHQTR LDIISEDISE LQKNQTT SVA KIAQYKRKLM DLSHRTLQVL IKQEIQRKSG YAIQADEEQL RVQLDTIQGE LNAPTQFKGR LNELMSQIRM QNHFGAVRSE ERY YIDADLL REIKQHLKQQ QEGLSHLISI IKDDLEDIKL VEHGLNETIH IRGGVFS 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.</p>

Product Details

Characteristics:

Key Benefits:

- 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).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

NUP54

Alternative Name:

NUP54 ([NUP54 Products](#))

Background:

Nucleoporin p54 (54 kDa nucleoporin),FUNCTION: Component of the nuclear pore complex, a complex required for the trafficking across the nuclear membrane.
{ECO:0000250|UniProtKB:P70582}.

Molecular Weight:

55.4 kDa

UniProt:

[Q7Z3B4](#)

Pathways:

[SARS-CoV-2 Protein Interactome](#)

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