

Datasheet for ABIN7554840

POM121 Protein (AA 1-1249) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	POM121
Protein Characteristics:	AA 1-1249
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POM121 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant POM121 Protein expressed in mammalian cells.
Sequence:	MSPAAAAAGA GERRRPIASV RDGRGRGCGG PARAVLLGLS LVGLLLYLVP AAAALAWLTV GATAAWWGLS REPRGSRPLS SFVRKARHRR PLSSFVRKAR HRRTLFASPL AKSTANGNLL EPRTLLEGPD PAELLLMGSY LGKPGPPQPA AAPEGQDLRD RPGRRPPARP APRSPPPRSP PPRSPPPSPP THRAHHVYPS LPTPLLRPSR RPSPRDCGTL PNRFVITPRR RYPIHQAQYS CLGVLPTVCW NGYHKKAVLS PRNSRMVCSP VTVRIAPPDR RFSRSAIPEQ IISSTLSSPS SNAPDPCAKE TVLSALKEKE KKRTVEEEDQ IFLDGQENKR RRHDSSSGSGH SAFEPLVANG VPASFVPKPG SLKRGLNSQS SDDHLNKRSR SSSMSSLTGA YASGIPSSSR NAITSSYSST RGISQLWKRN GPSSSPFSSP ASSRSQTPER PAKKIREEEL CHHSSSTPL AADRESQGEK AADTTPRKKQ NSNSQSTPGS SGQRKRKVQL LPSRRGEQLT LPPPPQLGYS ITAEDLDLEK KASLQWFNQA LEDKSDAASN SVTETPPITQ PSFTFTLPAA APASPPTSLL APSTNPLLES LKKMQTPPSL PPCPESAGAA TTEALSPPKT PSLPLPLGLS QSGPPGLLPS PSFDSKPPTT LLGLIPASM VPATDTKAPP TLQAETATKP QATSAPSPAP KQSFLFGTQN TSPSSPAAPA

ASSAPPMFKP IFTAPPKSEK EGPTPPGPSV TATAPSSSSL PTTTSTTAPT FQPVFSSMGP
PASVPLPAPF FKQTTTPATA PTTTAPLFTG LASATSAVAP ITSASPSTDS ASKPAFGFGI
NSVSSSSVST TTSTATAASQ PFLFGAPQAS AASFTPAMGS IFQFGKPPAL PTTTTVTTF
QSLHTAVPTA TSSSAADFSG FGSTLATSAP ATSSQPTLTF SNTSTPTFNI PFGSSAKSPL
PSYPGANPQP AFGAAEGQPP GAAKPALAPS FGSSFTFGNS AAPAAAPTPA PPSMIKVVPA
YVPTPIHPIF GGATHSAFGL KATASAFGAP ASSQPAFGGS TAVFFGAATS SGFGATTQTA
SSGSSSSVFG STTPSPFTFG GSAAPAGSGS FGINVATPGS STTTGAFSFG AGQSGSTATS
TPFAGGLGQN ALGTTGQSTP FAFNVSSSTE SKPVFGGTAT PTFGLNTPAP GVGTS GSSLS
FGASSAPAQG FVGVA PF GSA ALSFSIGAGS KTPGARQRLQ ARRQHTRKK **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.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: POM121

Target Details

Alternative Name:	POM121 (POM121 Products)
Background:	Nuclear envelope pore membrane protein POM 121 (Nuclear envelope pore membrane protein POM 121A) (Nucleoporin Nup121) (Pore membrane protein of 121 kDa),FUNCTION: Essential component of the nuclear pore complex (NPC). The repeat-containing domain may be involved in anchoring components of the pore complex to the pore membrane. When overexpressed in cells induces the formation of cytoplasmic annulate lamellae (AL). {ECO:0000269 PubMed:17900573}.
Molecular Weight:	127.7 kDa
UniProt:	Q96HA1

Application Details

Application Notes:	We expect the protein to work for functional studies. 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