

Datasheet for ABIN7554864

POM121C Protein (AA 1-1229) (His tag)



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Overview

Quantity:	1 mg
Target:	POM121C
Protein Characteristics:	AA 1-1229
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POM121C protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant POM121C Protein expressed in mammalian cells.
Sequence:	MSPAAAAAGA GERRRPIASV RDGRGRGCGG PAGAALLGLS LVGLLLYLVP AAAALAWLAV GTTAAWWGLS REPRGSRPLS SFVQKARHRR TLFASPPAKS TANGNLEPR TLLEGPDPAE LLLMGSYLKG PGPPQPAPAP EGQDLNRNPG RRPPARPAPR STPPSQPTHV VHHFYPSLPT PLLRPSGRPS PRDRGTLPR FVITPRRRYP IHQTQYSCPG VLPTVCWNGY HKKAVLSRN SRMVCSPVTV RIAPPDRRFS RSAIPEQIIS STLSSPSSNA PDCAKETVL SALKEKKKKR TVEEDQIFL DGQENKRRRH DSSGSGHSAF EPLVASGVPA SFVPGKPSLK RGLNSQSSDD HLNKRSRSSS MSLTGAYTS GIPSSSRNAI TSSYSSTRGI SQLWKRNGPS SSPFSSPASS RSQTPERPAK KIREELCHH SSSSTPLAAD KESQGEKAAD TTPRKKQNSN SQSTPGSSGQ RKRKVQLLPS RRGEQLTLP PPQLGYSITA EDLDLEKKAS LQWFNQALED KSDAASNSVT ETPPTTQPSF TFTLPAAATA SPPTSLLAPS TNPLLESLLK MQTPPSLPPC PESAGAATTE ALSPKTPSL LPPLGLSQSG PGLLPSPSF DSKPPTLLG LIPAPSMVPA TDTKAPPTLQ AETATKPQAT SAPSPAPKQS FLFGTQNTSP SSPAAPAASS ASPMFKPIFT APPKSEKEGL

TPPGPSVSAT APSSSSLPTT TSTTAPTFQP VFSSMGPPAS VPLPAPFFKQ TTTPATAPTT
TAPLFTGLAS ATSAVAPITS ASPSTDSASK PAFGFGINSV SSSSVSTTTS TATAASQPFL
FGAPQASAAS FTPAMGSIFQ FGKPPALPTT TTVTTFSQSL PTAVPTATSS SAADFSGFGS
TLATSAPATS SQPTLTFSNT STPTFNIPFG SSAKSPLPSY PGANPQPAFG AAEGQPPGAA
KPALTPSFGS SFTFGNSAAP APATAPTPAP ASTIKIVPAH VPTPIQPTFG GATHSAFGLK
ATASAFGAPA SSQPAFGGST AVFSFGAATS SGFGATTQTA SSGSSSSVFG STTPSPFTFG
GSAAPAGSGS FGINVATPGS SATTGAFSFG AGQSGSTATS TPFTGGLGQN ALGTTGQSTP
FAFNVGSTTE SKPVFGGTAT PTFGQNTAP GVGTSGLS FGASSAPAQG FVGVPFGSA
APSFSIGAGS KTPGARQLQ 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:	POM121C
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Target Details

Alternative Name:	POM121C (POM121C Products)
Background:	Nuclear envelope pore membrane protein POM 121C (Nuclear pore membrane protein 121-2) (POM121-2) (Pore membrane protein of 121 kDa C),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:	125.1 kDa
UniProt:	A8CG34

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