

Datasheet for ABIN7564662

POM121 Protein (AA 1-1200) (His tag)



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Overview

Quantity:	1 mg
Target:	POM121
Protein Characteristics:	AA 1-1200
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POM121 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Pom121 Protein expressed in mammalian cells.
Sequence:	MSPAAAAADG GERRRPPLGG REGRSRARGY GGPAGAAALG LALLGLALYL VPAAAAALAWL AVGASAAWWG LSREPRGPRA LSSFVRDARR HRPALTASP PPAKSPVNGS LCEPRSPLGG PDPAELLIMG SYLGKPGPPE PALRQDPRER PGRPPARSP PPASAVQRVH HVYPALPTPL LRPSRRPPHR DCGPLSSRFV ITPRRRYPIQ QAQYSLLGAL PTVCWNGGHH KAVLSRPNRSR MVCSPVTVRI APPDSKLFVS SMSEQILDTT LSSPSSNAPD PCAKETVLNA LKEKKKRTVA EEDQLHLDGQ ENKRRRRHDSG GSGHSAFEPL VANGVPAAV PKPGSLKRSL ASQSSDDHLN KRSRTSSVSS LASACTGGIP SSSRNAITSS YSSTRGISQL WKRSRGPTSSP FSSPASSRSQ TPERPAKKTR EEPCQSSS SPPLVTDKES PGEKVTDTT GKQSSWTSP PTPGSSGQRK RKIQLPSRR GDQLTLPPPP ELGYSITAED LDMERKASLQ WFNKVLDPK DDASASATDG PPSTSPPTF TPAVGPAAS PASLPAPSSN PLLESLKKMQ ESPAPSSSEP AEAATVAAPS PPKTPSLLAP LVSPLAGPLA STSSDSKPAA TFLGLASASS ITPLTDSKSS GVSQAEQSVS

TPASTASSPT PKPSMLFGML SPPASSSSLA TPAPACASPM FKPIFPATPK SESDSPLPSS
SSAATTASSS TAPPTAATT PTFKPIFDKM EPFTAMPLST PFSLKQTTAT ATTTATSAPL
FTGLGTATST VASGTAASAS KPVFGFVTT AASTASSTMT STSQSVLFGG APPVTTSSSA
PALASIFQFG KPLAPAASAA GTSFSQPLAS STQTAASNSG FSGFGSTLTT STSAPATTSQ
PTLTFSNTVT PTFNIPFSSS AKPALPTYPG ANSQPTFGAT DGATKPALAP SFGSSFTFGN
SVASAPSAAP APATFGSAAQ PAFGGLKAAA STFGAPASTQ PAFGSTTSVF SFGSATTSGF
GAAATAATTT QTTNSGSSSS LFGSSAPSPF TFGGSAAPAG SGGFGLSATP GTSSTSGTFS
FGSGQSGTPG TTTSFGSLSQ NTLGAPSQGS PFAFSVGSTP ESKPVFGGTS TPTFGQSAPA
PGVGTTGSSL SFGASSTPAQ GFVGVGPFGS AAPSFSIGAG SKTPGARQRL QARRQHTRKK

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:	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.
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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:	POM121
Alternative Name:	Pom121 (POM121 Products)
Background:	Nuclear envelope pore membrane protein POM 121 (Nucleoporin Nup121) (Pore membrane

Target Details

	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) (By similarity). {ECO:0000250}.
Molecular Weight:	121.0 kDa
UniProt:	Q8K3Z9

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