

Datasheet for ABIN7550269

## POM121B Protein (AA 1-834) (His tag)



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### Overview

Quantity:	1 mg
Target:	POM121B
Protein Characteristics:	AA 1-834
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POM121B protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant POM121B Protein expressed in mammalian cells.
Sequence:	<p>MSRRVRTSEL WKRNGPSSSP FSSPASSRSQ TPERPAKKIR EEEMCHHSSS STPLAADKES</p> <p>QGEKAADTTP RKKQNSNSQS TPGSSGQRKR KVQLLPSRRG EQLTLPPPPQ LGYSITAEDL</p> <p>DLEKKASLQW FNQALDKSD AASNSVTETP PITQPSFTFT LPAAAPASPP TSLLAPSTNP</p> <p>LLESLKKMQT PPSLPPCPES AGAATTEALS PPKTPNLLPP LGLSQSGPPG LLPSPSFDSN</p> <p>PPTTLLGLIP APSMVPATDT KAPPTLQAET TTKPQATSAP SPAPKQSFLF GTQNTSPSSP</p> <p>AAPAASSASP MFKPIFTAPP KSEKEGPTTP GPSVSATAPS SSSLPTTTST TAPTFQPVFS</p> <p>SMGPPASVPL PAPFFKQTTT PATAPTITAP LFTGLASATS AVAPITSASP STDSASKPAF</p> <p>GFGINSVSSS SVSTTTSTAT AASQPFLFGA PQASAASFTP AMGSIFQFGK PPALPTTTTV</p> <p>TTFSQSLPTA VPTATSSSAA DFGSGGSTLA TSAPATSSQP TLTFSTNTSTP TFNIPFGSSA</p> <p>KSPLPSYPGA NPQPAFGAAE GQPPGAAKPA LTPSFGSSFT FGNSAAPAAA PTPAPPSMIK</p> <p>IVPAHVPTPI QPTFGGATHS AFGLKATASA FGAPASSQPA FGGSTAVFSF GAATSSGFGA</p> <p>TTQTASSGSS SSVFGSTTPS PFTFGGSAAP AGSGSFGINV ATPGSSATTG AFSFGAGQSG</p>

STATSTPFAG GLGQNALGTT GQSTPFAFNV GSTTESKPVF GGTATPTFGL NTPAPGVGTS  
GSSLSEFGASS APAQGFVGVA PFGSAAPSFS IGAGSKTLGA RQRLQARRQH TRKK **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:** POM121B

**Alternative Name:** POM121B ([POM121B Products](#))

**Background:** Putative nuclear envelope pore membrane protein POM 121B,FUNCTION: Putative 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 (By similarity). {ECO:0000250}.

**Molecular Weight:** 83.0 kDa

**UniProt:** [A6NF01](#)

## 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