

Product Information

MemDX™ Membrane Protein Human POM121 (POM121 transmembrane nucleoporin) Full

Length

Cat. No.: **MPC1433K**

This product is for research use only and is not intended for diagnostic use.

This product is a 127.7 kDa Human POM121 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

POM121

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

127.7 kDa

TMD

1

Sequence

MSPAAAAAGAGERRRPIASVRDGRGRGCGGPARAVLLGLSLVGLLLYLVP
AAAALAWLTVGATAAWWGLSREPRGSRPLSSFVRKARHRRPLSSFVRKAR
HRRTLFASPLAKSTANGNLEPRTLLEGPDPAELLLMGSYLGKPGPPQPA
AAPEGQDLRDRPGRRPPARPAPRSPPPRSPPPSPPPSPPTHRAHHVYPS
LPTPLLRSRRPSPRDCGTLNRFVITPRRRYPHQAQYSCLGVLPTVCW
NGYHKKAVLSRPNRSMVCSPVTVRIAPPDRRFSRSAIPEQIISSTLSSPS
SNAPDPCAKETVLSALKEKEKKRTVEEEDQIFLDGQENKRRRHDSSGSGH
SAFEPLVANGVPASFVPKPGSLKRGLNSQSSDDHLNKRSSSSMSSLTGA
YASGIPSSSRNAITSSYSSTRGISQLWKRNGPSSSPFSSPASSRSQTPER
PAKKIREEELCHHSSSTPLAADRESQGEKAADTTPRKKQNSNSQSTPGS
SGQRKRKVQLLPSRRGEQLTLPPLPQLGYSITAEDLDLEKKASLQWFNQA
LEDKSDAASNSVTETPPITQPSFTFTLPAAPASPPTSLLAPSTNPLLES
LKKMQTPPSLPPECESAGAATTEALSPPKTPSLLPPLGLSQSGPPGLLPS
PSFDSKPPTTLLGLIPAPSMVPATDTKAPPTLQAETATKPQATSAPSPAP
KQSFLFGTQNTSPSSPAAPAASSAPPMFKPIFTAPPKSEKEGTPPGPSV
TATAPSSSSLPTTTSTTAPTQFQPVFSSMGPPASVPLPAPFFKQTTTPATA
PTTTAPLFTGLASATSAVAPITSASPSTDSASKPAFGFGINSVSSSSVST
TTSTATAASQPFLFGAPQASAASFTPAMGSIFQFGKPPALPTTTTVTTF
QSLHTAVPTATSSSAADFSGFGSTLATSAPATSSQPTLTFSNTSTPTFNI

PFGSSAKSPLPSYPGANPQPAFGAAEGQPPGAAKPALAPSFSGSSFTFGNS
AAPAAAPTPAPPSMIKVVVPAYVPTPIHPIFGGATHSAFGLKATASAFGAP
ASSQPAFGGSTAVFFGAATSSGFGATTQTASSGSSSSVFGSTTPSPFTFG
GSAAPAGSGSFGINVATPGSSTTTGAFSFGAGQSGSTATSTPFAGGLGQN
ALGTTGQSTPFAFNVSTTESKPVFGGTATPTFGLNTPAPGVGTSGSSLS
FGASSAPAQGFVGVAPFGSAALSFSIGAGSKTPGARQRLQARRQHTRKK

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

POM121

Full Name

POM121 transmembrane nucleoporin

Introduction

This gene encodes a transmembrane protein that localizes to the inner nuclear membrane and forms a core component of the nuclear pore complex, which mediates transport to and from the nucleus. The encoded protein may anchor this complex to the nuclear envelope. There are multiple related genes and pseudogenes for this gene on chromosomes 5, 7, 15, and 22. Alternatively spliced transcript variants encoding different isoforms have been observed.

Alternative Names

POM121; P145; POM121A; nuclear envelope pore membrane protein POM 121; POM121 membrane glycoprotein; nuclear envelope pore membrane protein POM 121A; nuclear pore membrane protein 121 kDa; nucleoporin Nup121; POM121 transmembrane nucleoporin

Gene ID

[9883](#)

UniProt ID

[Q96HA1](#)