

Product Information

MemDX™ Membrane Protein Human PNKD (PNKD metallo-beta-lactamase domain containing) for Antibody Discovery

Cat. No.: **MP0496J**

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

This product is a 38.9 kDa Human PNKD membrane protein expressed in HEK293T. 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

PNKD

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

38.9 kDa

Sequence

MAAVVAATALKSRGARNARVLRGILAGATANKVSHNRTRALQSHSSSEGKEEPEPLSPELEYIPRKRKGN
PMKAVGLAWYSLYTRTWLGYLFYRQQLRARNRYPKGHSKTQPRLFNGVKVLPVLSDNYSYLIIDTQA
QLAVAVDPSPRAVQASIEKEGVTLVAILCTHKHWDHSGGNRDLRRHRDCRVYGSPQDGIPYLTHPLCH
QDVVSVGRLQIRALATPGHTQGHLVYLLDGEPYKGPSCFLSGDLLFLSGCGRTFEGNAETMLSSLDTVLG
LGDDTLLWPGHEYAEENLGFAGVVEPENLARERKMQWVQRQLERKGTCPSTLGEERSYNPFLRTHCLAL
QEALGPGPGPTGDDDYDRAQLLEELRRLKDMHKSK

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

PNKD

Full Name

PNKD metallo-beta-lactamase domain containing

Introduction

This gene is thought to play a role in the regulation of myofibrillogenesis. Mutations in this gene have been associated with the movement disorder paroxysmal non-kinesigenic dyskinesia. Alternative splicing results in multiple transcript variants.

Alternative Names

R1; MR1; PDC; DYT8; FPD1; MR-1; BRP17; MR-1S; PKND1; PNKD1; FKSG19; TAHCCP2; KIPP1184

Gene ID

[25953](#)

UniProt ID

[Q8N490](#)