

Product Information

MemDX™ Membrane Protein Human LNPK (Lunapark, ER junction formation factor) for Antibody Discovery

Cat. No.: **MP0385J**

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

This product is a 47.6 kDa Human LNPK 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

LNPK

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

47.6 kDa

TMD

2

Sequence

MGGLFSRWRTKPSTVEVLESIDKEIQALEEFREKNQRLQKLWVGRLLIYSSVLYLFTCLIVYLWYLPDEF
TARLAMTLPPFAFPLIWSIRTVIIFFFSKRTERNNEALDDLKSQRKKILEEVMEKETYKTAKLILERFD
PDSKKAKECEPPSAGAAVTARPGQEIRQRTAAQRNLSPTPASPNNQGGPPQVPVSPGPPKDSSAPGGPPER
TVTPALSSNVLPRLHGLSPATSVPGMGLHPPGPPLARPIPRERGAIDRIVEYLVGDGPQNRYALICQQCF
SHNGMALKEEFYIAFRCA YCFFLN PARKTRPQAPRLPEFSFEKRQVVEGSSSVGPLPSGSLSSDNQFN
EESLEHDVLDNTEQTDDKIPATEQTNQVIEKASDSEEPKQETENEEASVIETNSTVPGADSI DPPEL
SGESLTAE

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**

LNPK

Full Name

Lunapark, ER junction formation factor

Introduction

Endoplasmic reticulum (ER)-shaping membrane protein that plays a role in determining ER morphology. Involved in the stabilization of nascent three-way ER tubular junctions within the ER network. May also play a role as a curvature-stabilizing protein within the three-way ER tubular junction network. May be involved in limb development. Is involved in central nervous system development.

Alternative Names

UI; LNP; LNP1; NEDEHCC; KIAA1715; ulnaless; 2310011O18Rik; 4921514L11Rik

Gene ID

[80856](#)

UniProt ID

[Q9C0E8](#)