

Product Information

MemDX™ Membrane Protein Human LEMD3 (LEM domain containing 3) for Antibody

Discovery

Cat. No.: **MP0524J**

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

This product is a 100.3 kDa Human LEMD3 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

LEMD3

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

100.3 kDa

TMD

2

Sequence

MAAAAASAPQQLSDEELFSQLRRYGLSPGPVTESTRPVYLKKLKKLREEEQQQHRSGGRGNKTRNSNNNN
TAAATVAAAGPAAAAAAGMGVRPVSGDLSYLRTPGGLCRISASGPESLLGGPGGASAAPAAGSKVLLGFS
SDESDVEASPRDQAGGGGRKDRASLQYRGLKAPPAPLAASEVTNSNSAERRKPHSWWGARRPAGPELQTP
PGKDGAVEDEEGEGEDGEERDPETEEPLWASRTVNGSRLVPYSCRENYSDSEEDDDDDVASSRQVLKDDSD
LSRHRPRRTHSKPLPPLTAKSAGGRLETSVQGGGGGLAMNDRAAAAAGSLDRSRNLEAAAAAEQGGGCDQVD
SSPVPRYRVNAKKLTPLPPPLTDMDSLTDSSTGSLKTNHIGGGAFSVDSPRIYSNSLPPSAAVAASS
SLRINHANHTGSNHTYLKNTYNKPKLSEPEEEELLQQFKREEVSPTGSFSAHYLSMFLTAACLFFLILGL
TYLGMRTGVSEDEGELSKNPFGETFGKIQESEKTLMMNTLYKLHDLAQLAGDHECGSSSQRTLSVQEAA
AYLKDLGPEYEGIFNTSLQWILENGKDVGIRCVGFGPEEELTNITDVQFLQSTRPLMSFWCRFRRAFVTV
THRLLLCLGVVMVCVVLRYMKYRWTKKEEETRQMYDMVVKIIDVLRSHNEACQENKDLQPYMPIPHVRD
SLIQPHDRKKMKKVVWDRAVDFLAANESRVRTETRRIGGADFLVWRWIQPSASCDKILVPSKVWQGGQAFH
LDRRNSPPNSLTPCLKIRNMFDVPVMEIGDQWHLAIQEAILEKCDSDNDGIVHIAVDKNSREGCVYVKCLSP
EYAGKAFKALHGSWFDGKLVTVKYLRDLDRYHHRFPQALTSNTPLKPSNKHMNMSMHLRLRTGLTNSQGSS

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**

LEMD3

Full Name

LEM domain containing 3

Introduction

This locus encodes a LEM domain-containing protein. The encoded protein functions to antagonize transforming growth factor-beta signaling at the inner nuclear membrane. Two transcript variants encoding different isoforms have been found for this gene. Mutations in this gene have been associated with osteopoikilosis, Buschke-Ollendorff syndrome and melorheostosis.

Alternative Names

MAN1

Gene ID

[23592](#)

UniProt ID

[Q9Y2U8](#)