

Product Information

MemDX™ Membrane Protein Mouse Emd (Emerin) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX1514K**

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

This product is a Mouse Emd membrane protein expressed *in vitro* *E.coli* expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Mouse

Target Protein

Emd

Protein Length

Full Length

Protein Class

Receptor

TMD

1

Sequence

MDDYAVLSDTELAAVLRQYNIPHGPIVGSTRKLYEKKIFEYETQRRRLLPPNSSSSFSYQFSLDLDSAAVDSMYDLPKKEDALLYQ

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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

Emd

Full Name

Emerin

Introduction

This gene is the founding member of the LEM (Lap2beta, Emerin, and Man1) domain gene family. It encodes an integral membrane protein of the inner nuclear membrane. This gene may be involved in transcriptional regulation and genomic organization. In humans, mutations in this gene cause a class of diseases called laminopathies, which includes Emery-Dreifuss muscular dystrophy (EDMD).

Alternative Names

Emd; Sta; AW550900; Emerin

Gene ID

[13726](#)

UniProt ID

[O08579](#)