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Product Information

MemDX™ Membrane Protein Human LIM2 (Lens intrinsic membrane protein 2) Expressed *in vitro E.coli* expression system, Full Length

Cat. No.: **MPX2142K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human LIM2 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
Human

Target Protein
LIM2

Protein Length
Full Length

Protein Class
Receptor

TMD
4

Sequence
MYSFMGGGLFCAWVGTILLVVAMATDHWMQYRLSGSFAHQGLWRYCLGNKCYLQTDSIAYWNATRAFMILSALCAISGIIMGIMAF

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

LIM2

Full Name

Lens intrinsic membrane protein 2

Introduction

This gene encodes an eye lens-specific protein found at the junctions of lens fiber cells, where it may contribute to cell junctional organization. It acts as a receptor for calmodulin, and may play an important role in both lens development and cataractogenesis. Mutations in this gene have been associated with cataract formation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Alternative Names

LIM2; MP17; MP19; CTRCT19; MP18; MP20; lens intrinsic membrane protein 2, 19kDa; Lens intrinsic membrane protein 2

Gene ID

3982

UniProt ID

P55344

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