SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
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Product Information

MemDX™ Membrane Protein Human DERL3 (Derlin 3) Expressed *in vitro E.coli* expression system, Full Length

Cat. No.: **MPX2268K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human DERL3 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
DERL3

Protein Length
Full Length

Protein Class
Receptor

TMD
4

Sequence
MAWQGLAAEFLQVPAVTRAYTAACVLTTAAVQLELLSPFQLYFNPHLVFRKFQVWRLVTNFLFFGPLGFSFFFNMLFVFRYCRMLE

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

DERL3

Full Name

Derlin 3

Introduction

The protein encoded by this gene belongs to the derlin family, and resides in the endoplasmic reticulum (ER). Proteins that are unfolded or misfolded in the ER must be refolded or degraded to maintain the homeostasis of the ER. This protein appears to be involved in the degradation of misfolded glycoproteins in the ER. Several alternatively spliced transcript variants encoding different isoforms have been identified for this gene.

Alternative Names

DERL3; IZP6; LLN2; C22orf14; derlin-3; DERtrin 3; Der1-like domain family, member 3; degradation in endoplasmic reticulum protein 3; der1-like protein 3; Derlin 3

Gene ID

91319

UniProt ID

Q96Q80

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