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Product Information

MemDX™ Membrane Protein Human ZMPSTE24 (Zinc metallopeptidase STE24) Expressed *in vitro E.coli* expression system, Full Length

Cat. No.: **MPX3604K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human ZMPSTE24 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
ZMPSTE24

Protein Length
Full Length

Protein Class
Protease

TMD
7

Sequence
MGMWASLDALWEMPAEKRIFGAVLLFSWTVYLWETFLAQRQRRIYKTTTHVPPELGQIMDSETFEKSRLYQLDKSTFSFWSGLYSE

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

ZMPSTE24

Full Name

Zinc metallopeptidase STE24

Introduction

This gene encodes a member of the peptidase M48A family. The encoded protein is a zinc metalloproteinase involved in the two step post-translational proteolytic cleavage of carboxy terminal residues of farnesylated prelamin A to form mature lamin A. Mutations in this gene have been associated with mandibuloacral dysplasia and restrictive dermopathy.

Alternative Names

ZMPSTE24; HGPS; PRO1; FACE1; STE24; FACE-1; Ste24p; CAAX prenyl protease 1 homolog; farnesylated proteins-converting enzyme 1; prenyl protein-specific endoprotease 1; zinc metallopeptidase STE24 homolog; zinc metalloproteinase Ste24 homolog; Zinc metallopeptidase STE24

Gene ID

10269

UniProt ID

O75844

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