

Product Information

MemDX™ Membrane Protein Human MLANA (Melan-A)

Cat. No.: **MP0243J**

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

This product is a 13 kDa Human MLANA 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

MLANA

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

13 kDa

TMD

1

Sequence

MPREDAHFYGYPPKKGHGHSYTTAEEAAGIGILTVILGVLLIGCWYCRRRNGYRALMDKSLHVGQTQCAL
TRRCPQEGFDHRDSKVSLEKNCEPVVPNAPPAYEKLKSAEQSPPPYSP

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**

MLANA

Full Name

Melan-A

Introduction

Involved in melanosome biogenesis by ensuring the stability of GPR143. Plays a vital role in the expression, stability, trafficking, and processing of melanocyte protein PMEL, which is critical to the formation of stage II melanosomes.

Alternative Names

MART1; MART-1; antigen LB39-AA; antigen SK29-AA; epididymis secretory sperm binding protein; protein Melan-A

Gene ID

[2315](#)

UniProt ID

[Q16655](#)