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Product Information

MemDX™ Antibody Discovery - Human UCH-L3 / UCHL3 (2-230) Membrane Protein, Partial, His- tag

Cat. No.: **MP0510F**
This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human UCH-L3 / UCHL3 (2-230). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species
Human

Target Protein
UCH-L3 / UCHL3

Protein Length
ECD

Molecular Weight
The protein has a calculated MW of 27.0 kDa. The protein migrates as 27 kDa under reducing (R) condition (SDS-PAGE).

Sequence
AA Glu 2 - Ala 230 (Accession # P15374-1).

Product Description

Application
SDS-PAGE

Expression Systems
E.coli

Tag
His tag at the N-terminus

Protein Format
Soluble

Form
LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Purity

>95% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.
The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile coditions after reconstitution after storage at -80°C.

Target

Target Protein

UCH-L3 / UCHL3

Full Name

ubiquitin C-terminal hydrolase L3

Introduction

The protein encoded by this gene is a member of the deubiquitinating enzyme family. Members of this family are proteases that catalyze the removal of ubiquitin from polypeptides and are divided into five classes, depending on the mechanism of catalysis. This protein may hydrolyze the ubiquitinyl-N-epsilon amide bond of ubiquitinated proteins to regenerate ubiquitin for another catalytic cycle. Alternative splicing results in multiple transcript variants that encode different protein isoforms.

Alternative Names

UCH-L3; ubiquitin carboxyl-terminal hydrolase isozyme L3; testicular tissue protein Li 221; ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase); ubiquitin thioesterase L3; ubiquitin thiolesterase

Gene ID

7347

UniProt ID

P15374