

Product Information

MemDX™ Membrane Protein Human MARCHF4 (Membrane associated ring-CH-type finger

4) Full Length

Cat. No.: **MPC4118K**

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

This product is a made-to-order Human MARCHF4 membrane protein expressed in HEK293. 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

MARCHF4

Protein Length

Full length

Protein Class

Transferase

TMD

2

Sequence

MLMPLCGLLWWWCCCSGWYCYGLCAPAPQMLRHQGLLKCRCLFNDLK
VFLRRPPQAPLPMHGDPQPPGLAANTLPALGAGGWAGWRGPREVVGRE
PPPVPPPPPLPSSVEDDWGGPATEPPASLLSSASSDDFCKEKTEDRYSL
GSSLDSGMRTPLCRICFQGPEQGELLSPCRCDGSKVCTHQPCLIKWISER
GCWSCELCYYKYHVIAISTKNPLQWQAISLTVIEKVQVAAAILGSLFLIA
SISWLIWSTFSPSARWQRQDLLFQICYGMYGFMDVVCIGLIIEGSPSVYR
IFKRWQAVNQWQVNLNYDKTKDLEDQKAGGRTPRTSSSTQANIPSSSEE
TAGTPAPEQGPAQAAGHPSGPLSHHHCAYTILHILSHLRPHEQRSPPGSS
RELVMRVTTV

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

MARCHF4

Full Name

Membrane associated ring-CH-type finger 4

Introduction

MARCH4 is a member of the MARCH family of membrane-bound E3 ubiquitin ligases (EC 6.3.2.19). MARCH enzymes add ubiquitin (see MIM 191339) to target lysines in substrate proteins, thereby signaling their vesicular transport between membrane compartments. MARCH4 reduces surface accumulation of several membrane glycoproteins by directing them to the endosomal compartment.

Alternative Names

MARCHF4; MARCH4; RNF174; MARCH-IV; E3 ubiquitin-protein ligase MARCHF4; RING finger protein 174; RING-type E3 ubiquitin transferase MARCH4; RING-type E3 ubiquitin transferase MARCHF4; membrane associated ring finger 4; membrane-associated RING finger protein 4; membrane-associated RING-CH protein IV; membrane-associated ring finger (C3HC4) 4, E3 ubiquitin protein ligase; Membrane associated ring-CH-type finger 4

Gene ID

[57574](#)

UniProt ID

[Q9P2E8](#)