

Product Information

MemDX™ Membrane Protein Human MRAP2 (Melanocortin 2 receptor accessory protein 2)

Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX1353K**

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

This product is a Human MRAP2 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

MRAP2

Protein Length

Full Length

Protein Class

Receptor

TMD

1

Sequence

MSAQRLISNRTSQQSASNSDYTWEYEEYYEIGPVSFEGLKAHKYSIVIGFWVGLAVFVIFMFFVTLTGTGAPHQDNAESSEKRFRM

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

MRAP2

Full Name

Melanocortin 2 receptor accessory protein 2

Introduction

This gene encodes a protein that modulates melanocortin receptor signaling. The encoded protein has been shown to interact with all known melanocortin receptors and may regulate both receptor trafficking and activation in response to ligands. Mice lacking a functional copy of this gene exhibit severe obesity and a mutation in this gene may be associated with severe obesity in human patients.

Alternative Names

MRAP2; C6orf117; bA51G5.2; MC2R accessory protein 2; Melanocortin 2 receptor accessory protein 2

Gene ID

[112609](#)

UniProt ID

[Q96G30](#)