

Product Information

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

Cat. No.: **MP0258J**

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

This product is a 11.3 kDa Human MRAP 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

MRAP

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

11.3 kDa

TMD

1

Sequence

MANGTNASAPYYSYEYYLDYLDLIPVDEKKLKAHKHSIVIAFWVSLAAFVLLFLILLYMSWSASPQMSF
NTDESLHSEVLPQTRAISCDELQAPREEGAA

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**

MRAP

Full Name

Melanocortin 2 receptor accessory protein

Introduction

This gene encodes a melanocortin receptor-interacting protein. The encoded protein regulates trafficking and function of the melanocortin 2 receptor in the adrenal gland. The encoded protein can also modulate signaling of other melanocortin receptors. Mutations in this gene have been associated with familial glucocorticoid deficiency type 2. Alternatively spliced transcript variants have been described.

Alternative Names

B27; FALP; FGD2; GCCD2; C21orf61

Gene ID

[56246](#)

UniProt ID

[Q8TCY5](#)