

Product Information

MemDX™ Membrane Protein Human MDK (Midkine) expressed in E. coli for Antibody

Discovery

Cat. No.: **MP0004Q**

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

This product is a 15.7 kDa Human MDK membrane protein expressed in E. coli. 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

MDK

Protein Length

Partial

Protein Class

Druggable Genome, Secreted Protein, Transmembrane

Molecular Weight

15.7 kDa

Sequence

MVAKKKDKVKKGGPGSECAEWAWGPCTPSSKDCGVGFREGTCGAQTQRIRCRVPCNWKKEFGADCKYKFENWGACDGGTGT

Product Description

Expression Systems

E. coli

Tag

His

Form

Powder

Endotoxin

< 1 EU/μg

Purification

Conventional chromatography

Purity

>90% by SDS - PAGE

Buffer

20 mM Tris-HCl buffer (pH 8.0) containing 0.1 M NaCl, 2 mM DTT, and 20% Glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

MDK

Full Name

Midkine

Introduction

This gene encodes a member of a small family of secreted growth factors that binds heparin and responds to retinoic acid. The encoded protein promotes cell growth, migration, and angiogenesis, in particular during tumorigenesis. This gene has been targeted as a therapeutic for a variety of different disorders. Alternatively spliced transcript variants encoding multiple isoforms have been observed.

Alternative Names

ARAP; MK; NEGF2; midkine; amphiregulin-associated protein; midgestation and kidney protein; neurite growth-promoting factor 2; retinoic acid inducible factor; Neurite outgrowth-promoting protein

Gene ID

[4192](#)

UniProt ID

[P21741](#)