

Product Information

MemDX™ Membrane Protein Human KREMEN1 (Kringle containing transmembrane protein

1) Full Length

Cat. No.: **MPC1343K**

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

This product is a 51.7 kDa Human KREMEN1 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

KREMEN1

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

51.7 kDa

TMD

1

Sequence

MAPPAARLALLSAAALTLAARPAPSPGLGPECFTANGADYRGTQNWALQ
GGKPCLFWNETFQHPYNTLKYPNGEGGLGEHNYCRNPDGDVSPWCYVAEH
EDGVYWKYCEIPACQMPGNLGCYKDHGNPPPLTGTSKTSNKLTITQTCISF
CRSQRFKFAGMESGYACFCGNPDYWKYGEAASTECNSVCFGDHTQPCGG
DGRILFDLTLVGACGGNYSAMSSVVYSPDFPDYATGRVCYWTIRVPGAS
HIHFSFPLFDIRDSADMVLLDGYTHRVLARFHGRSRPPLSFNVSLDFVI
LYFFSDRINQAQGFVLYQAVKEELPQERPAVNQTVAEVITEQANLSVSA
ARSSKVLVYITTSPPHPPQTVPGSNSWAPPMGAGSHRVEGWTVYGLATLL
ILTVTAIVAKILLHVTFKSHRVPASGDLRDCHQPGTSGEIWSIFYKPSTS
ISIFKKKLKGQSQQDDRNPLVSD

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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**

KREMEN1

Full Name

Kringle containing transmembrane protein 1

Introduction

This gene encodes a high-affinity dickkopf homolog 1 (DKK1) transmembrane receptor that functionally cooperates with DKK1 to block wingless (WNT)/beta-catenin signaling. The encoded protein is a component of a membrane complex that modulates canonical WNT signaling through lipoprotein receptor-related protein 6 (LRP6). It contains extracellular kringle, WSC, and CUB domains. Alternatively spliced transcript variants encoding distinct isoforms have been observed for this gene.

Alternative Names

KREMEN1; KRM1; ECTD13; KREMEN; kremen protein 1; dickkopf receptor; kringle domain-containing transmembrane protein 1; kringle-coding gene marking the eye and the nose; kringle-containing protein marking the eye and the nose; Kringle containing transmembrane protein 1

Gene ID

[83999](#)

UniProt ID

[Q96MU8](#)