

Product Information

MemDX™ Membrane Protein Human KREMEN2 (Kringle containing transmembrane protein

2) Full Length

Cat. No.: **MPC1618K**

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

This product is a 48.8 kDa Human KREMEN2 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

KREMEN2

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

48.8 kDa

TMD

1

Sequence

MG TQALQGFLFLLFLPLLQPRGASAGSLHSPGLSECFQVNGADYRGHQNR
TGPRGAGR PCLFWDQTQQHSYSSASDPHGRWGLGAHNFCRNP DGDVQPWC
YVAETEEGIYWRYCDIP SCHMPGYLGCFVDSGAPPALSGPSGTSTKLTVQ
VCLRFRCRMKG YQLAGVEAGYACFCGSESDLARGRLAPATDCDQICFGHPG
QLCGGDGRLGVYEVS VGSCQGNWTAPQGV IYSPDFPDEYGPDRNCSWALG
PPGALELTFRLFELADPRDRLELRDAASGSLLRAFDGARPPPSGPLRLG
TAALLLTFRSDARGHAQGFALT YRGLQDAAEDPEAPEGSAQTPAAPLDGA
NVSCSPRPGAPPAAIGARVFSTVTAVSVLLLLLLGLLRPLRRRSCLAPG
KGPPALGASRGPRRSWAVWYQQPRGVALPCSPGDPQAEGSAAGYRPLSAS
SQSSLRSLISAL

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**

KREMEN2

Full Name

Kringle containing transmembrane protein 2

Introduction

This gene encodes a high-affinity dickkopf homolog 1 (DKK1) transmembrane receptor. A similar protein in mouse functions interacts with with DKK1 to block wingless (WNT)/beta-catenin signaling. The encoded protein forms a ternary membrane complex with DKK1 and the WNT receptor lipoprotein receptor-related protein 6 (LRP6), and induces rapid endocytosis and removal of LRP6 from the plasma membrane. It contains extracellular kringle, WSC, and CUB domains. Alternatively spliced transcript variants encoding distinct isoforms have been observed for this gene.

Alternative Names

KREMEN2; KRM2; kremen protein 2; dickkopf receptor 2; kringle domain-containing transmembrane protein 2; kringle-containing protein marking the eye and the nose; Kringle containing transmembrane protein 2

Gene ID

[79412](#)

UniProt ID

[Q8NCW0](#)