

Product Information

MemDX™ Membrane Protein Human CDKAL1 (CDK5 regulatory subunit associated protein

1 like 1) Full Length

Cat. No.: **MPC4206K**

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

This product is a made-to-order Human CDKAL1 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

CDKAL1

Protein Length

Full length

Protein Class

Transferase

TMD

1

Sequence

MPSASCDTLLDDIEDIVSQEDSKPQDRHFVRKDVVPKVRRRNTQKYLQEE
ENSPPSDSTIPGIQKIWIRTWGCSHNNSDGEYMAGQLAAYGYKITENASD
ADLWLLNSCTVKNPAEDHFRNSIKKAQEENKKIVLAGCVPQAQPRQDYLK
GLSIIGVQQIDRVVEVVEETIKGHSVRLLGQKKDNGRRLGGARLDLPKIR
KNPLIEIISINTGCLNACTYCKTKHARGNLASYPIDELVDRAKQSFQEGV
CEIWLTS EDTGAYGRDIGTNLPTLLWKLVEVIPEGAMLRLGMTNPPYILE
HLEEMAKILNHPRVYAFLHIPVQSASDSVLMEMKREYCVADFKRVVDFLK
EKVPGITIATDIICGFPGETDQDFQETVKLVEEYKFPSLFINQFYPRPGT
PAAKMEQVPAQVKKQRTKDL SRVFHSYSPYDHKIGERQQVLVTEESFDSK
FYVAHNQFYEQVLVPKNPAFMGKMVEVDIYESGKHFMKGQPVSDAKVYTP
SISKPLAKGEVSGLT KDFRNLGNQLSSGSHTSAASQCDSASSRMVLPMP
RLHQDCALRMSVGLALLGLLFAFFVKVYN

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

CDKAL1

Full Name

CDK5 regulatory subunit associated protein 1 like 1

Introduction

The protein encoded by this gene is a member of the methylthiotransferase family. The function of this gene is not known. Genome-wide association studies have linked single nucleotide polymorphisms in an intron of this gene with susceptibility to type 2 diabetes.

Alternative Names

CDKAL1; threonylcarbamoyladenosine tRNA methylthiotransferase; tRNA-t(6)A37 methylthiotransferase; CDK5 regulatory subunit associated protein 1 like 1

Gene ID

[54901](#)

UniProt ID

[Q5VV42](#)