

Product Information

MemDX™ Membrane Protein Human ICMT (Isoprenylcysteine carboxyl methyltransferase)

Full Length

Cat. No.: **MPC4192K**

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

This product is a made-to-order Human ICMT 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

ICMT

Protein Length

Full length

Protein Class

Transferase

TMD

8

Sequence

MAGCAARAPPGSEARLSLATFLLGASVLALPLLTRAGLQGRTGLALYVAG
LNALLLLLYRPPRYQIAIRACFLGFVFGCGTLLSFSQSSWSHFGWYMCSL
SLFHYSEYLVTAVNNPKSLSLDSFLLNHSLEYTVAALSSWLEFTLENIFW
PELKQITWLSVTGLLMVVFGECLRKAAMFTAGSNFNHVVQNEKSDHTLV
TSGVYAWFRHPSYVGWFWYSIGTQVMLCNPICGVSYALTVWRFFRDRTTE
EEISLIHFFGEEYLEYKKRVPTGLPFIKGVKVDL

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**

ICMT

Full Name

Isoprenylcysteine carboxyl methyltransferase

Introduction

This gene encodes the third of three enzymes that posttranslationally modify isoprenylated C-terminal cysteine residues in certain proteins and target those proteins to the cell membrane. This enzyme localizes to the endoplasmic reticulum. Alternative splicing may result in other transcript variants, but the biological validity of those transcripts has not been determined.

Alternative Names

ICMT; PCMT; PPMT; PCCMT; HSTE14; MST098; MSTP098; protein-S-isoprenylcysteine O-methyltransferase; prenylated protein carboxyl methyltransferase; prenylcysteine carboxyl methyltransferase; Isoprenylcysteine carboxyl methyltransferase

Gene ID

[23463](#)

UniProt ID

[O60725](#)