

Product Information

MemDX™ Membrane Protein Human PIPOX (Pipelicolic acid and sarcosine oxidase)

Cat. No.: **MP0182J**

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

This product is a 43.9 kDa Human PIPOX membrane protein expressed in HEK293T. 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

PIPOX

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

43.9 kDa

Sequence

MAAQKDLWDAIVIGAGIQGCFTAYHLAKHRKRILLLEQFFLPHSRGSSHGQSRIIRKAYLEDYTRMMHE
CYQIWAQLEHEAGTQLHRQTGLLLGMKENQELKTIQANLSRQRVEHQCLSSEELKQRFNPRIPLRGEVG
LLDNSGGVIYAYKALRALQDAIRQLGGIVRDGEKVVEINPGLLVTVKTTSSRSYQAKSLVITAGPWTNQLL
RPLGIEMPLQTLRINVCYWREMPGSGVVSQAFFCFLWLGLCPHHIYGLPTGEYPGLMKVSYHHGNHADP
EERDCPTARTDIGDVQILSSFVRDHLPLDKPEPAVIESCMYTNTPDQEQFILDRHPKYDNVIGAGFSGHG
FKLAPVVGKILYELSMKLTPSYDLAPFRISRFPISLGKAHL

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

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

Target**Target Protein**

PIPOX

Full Name

Pipecolic acid and sarcosine oxidase

Introduction

The PIPOX gene is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, C.elegans, S.pombe, N.crassa, A.thaliana, rice, and frog.

Alternative Names

LPIPOX; L-pipecolate oxidase; L-pipecolic acid oxidase; pipecolic acid oxidase; PSO

Gene ID

[51268](#)

UniProt ID

[Q9P0Z9](#)