

Product Information

MemDX™ Membrane Protein Human EPHX1 (Epoxide hydrolase 1) Expressed in *E.coli* with 6xHis and SUMO tag at the N-terminus for Antibody Discovery, Full Length

Cat. No.: **MPX4244K**

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

This product is a 68.9kDa Human EPHX1 membrane protein expressed in *E.coli*. 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

EPHX1

Protein Length

Full Length

Protein Class

Receptor

Molecular Weight

68.9kDa

TMD

1

Sequence

MWLEILLTSVLGFAIYWFISRDKEETLPLEDGWWGPGTRSAAREDDSIKPFKVETSDEEIHDLHQRIDKFRFTPPLEDSCFHYGFNS

Product Description

Expression Systems

E.coli

Tag

6xHis and SUMO tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE

Buffer

Tris-based buffer, 50% glycerol

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**

EPHX1

Full Name

Epoxide hydrolase 1

Introduction

Epoxide hydrolase is a critical biotransformation enzyme that converts epoxides from the degradation of aromatic compounds to trans-dihydrodiols which can be conjugated and excreted from the body. Epoxide hydrolase functions in both the activation and detoxification of epoxides. Mutations in this gene cause preeclampsia, epoxide hydrolase deficiency or increased epoxide hydrolase activity. Alternatively spliced transcript variants encoding the same protein have been found for this gene.

Alternative Names

EPHX1; MEH; EPHX; EPOX; HYL1; epoxide hydratase; epoxide hydrolase 1 microsomal; epoxide hydrolase 1, microsomal (xenobiotic); Epoxide hydrolase 1

Gene ID

[2052](#)

UniProt ID

[P07099](#)