

Product Information

MemDX™ Membrane Protein Human KMO (Kynurenine 3-monooxygenase) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX1859K**

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

This product is a Human KMO membrane protein expressed *in vitro* E.coli expression system. 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

KMO

Protein Length

Full Length

Protein Class

Oxidoreductase

TMD

2

Sequence

MDSSVIQRKKVAVIGGGVLVGSLLQACFLAKRNFQIDVYEAREDTRVATFTRGRSINLALSHRGRQALKAVGLEDQIVSQGIPMRARMII

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis and SUMO tag

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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

KMO

Full Name

Kynurenine 3-monooxygenase

Introduction

This gene encodes a mitochondrion outer membrane protein that catalyzes the hydroxylation of L-tryptophan metabolite, L-kynurenine, to form L-3-hydroxykynurenine. Studies in yeast identified this gene as a therapeutic target for Huntington disease.

Alternative Names

KMO; dJ317G22.1; kynurenine 3-hydroxylase; Kynurenine 3-monooxygenase

Gene ID

[8564](#)

UniProt ID

[Q15229](#)