

Product Information

MemDX™ Membrane Protein Human KMO (Kynurenine 3-monooxygenase) Expressed in *E.coli* with 6xHis and SUMO tag at the N-terminus for Antibody Discovery, Full Length

Cat. No.: **MPX4487K**

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

This product is a 71.8kDa Human KMO 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

KMO

Protein Length

Full Length

Protein Class

Oxidoreductase

Molecular Weight

71.8kDa

TMD

1

Sequence

MDSSVIQRKKVAVIGGGLVGSLQACFLAKRNFQIDVYEAREDTRVATFTRGRSINLALSHRGRQALKAVGLEDQIVSQGIPMRARMII

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**

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](#)