

Product Information

MemDX™ Membrane Protein Human DUOX2 (Dual oxidase maturation factor 2) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX2435K**

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

This product is a Human DUOX2 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

DUOX2

Protein Length

Full Length

Protein Class

Transport

TMD

5

Sequence

MTLWNGVLPFYQPRHAAGFSVPLLIVLFLALAASFLILPGIRGHSRWFWLVRVLLSLFIGAEIVAVHFSAEFVGTNTNTSYKA

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis tag at the N-terminus

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

DUOXA2

Full Name

Dual oxidase maturation factor 2

Introduction

This gene encodes an endoplasmic reticulum protein that is necessary for proper cellular localization and maturation of functional dual oxidase 2. Mutations in this gene have been associated with thyroid dysmorphogenesis 5.

Alternative Names

DUOXA2; TDH5; SIMNIPHOM; Dual oxidase maturation factor 2

Gene ID

[405753](#)

UniProt ID

[Q1HG44](#)