

Product Information

MemDX™ Membrane Protein Human DUOX2 (Dual oxidase maturation factor 2) Full Length

Cat. No.: **MPC4346K**

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

This product is a made-to-order Human DUOX2 membrane protein expressed in HEK293. 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

Transporter

TMD

5

Sequence

MTLWNGVLPFYPPQPRHAAGFSVPLLIVLVFLALAASFLILPGIRGHSR
WFWLVVRVLLSLFIGAEIVAVHFSAEWFVGTVNTNTSYKAFSAARVTARVR
LLVGLEGINITLTGTPVHQLNETIDYNEQFTWRLKENYAAEYANALEKGL
PDPVLYLAEKFTPSSPCGLYHQYHLAGHYASATLWVAFCFWLLSNVLLST
PAPLYGGLALLTTGAFALFGVFALASISSVPLCPLRLGSSALTTQYGAAF
WVTLATGVLCLFLGGAVVSLQYVRPSALRTLTDQSAKDCSQERGGSPIL
GDPLHKQAALPDLKCITTNL

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°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](#)