

Product Information

MemDX™ Membrane Protein Human PTDSS2 (Phosphatidylserine synthase 2) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3609K**

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

This product is a Human PTDSS2 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

PTDSS2

Protein Length

Full Length

Protein Class

Transferase

TMD

7

Sequence

MRRGERRDAGGPRPESPVPAGRASLEPPDGPSAGQATGPGEGRRSTESEVYDDGTNTFFWRAHTLTVLFILTCTLGYVTLEE

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

PTDSS2

Full Name

Phosphatidylserine synthase 2

Introduction

The protein encoded by this gene catalyzes the conversion of phosphatidylethanolamine to phosphatidylserine, a structural membrane phospholipid that functions in cell signaling, blood coagulation, and apoptosis. The encoded enzyme also has a high affinity for docosahexaenoic acid (DHA) and can use it to make DHA-containing phosphatidylserine.

Alternative Names

PTDSS2; PSS2; PSS-2; ptdSer synthase 2; serine-exchange enzyme II; Phosphatidylserine synthase 2

Gene ID

[81490](#)

UniProt ID

[Q9BVG9](#)