

Product Information

MemDX™ Membrane Protein Human FRRS1 (Ferric chelate reductase 1) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3643K**

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

This product is a Human FRRS1 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

FRRS1

Protein Length

Full Length

Protein Class

Oxidoreductase

TMD

7

Sequence

MAVSGFTLGTICILLHISYVANYPNGKVTQSCHGMIPEHGHSQSPQSVPHDIYVSQMTFRPGDQIEVTLSGHPFKGFLLEARNAEDLN

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

FRRS1

Full Name

Ferric chelate reductase 1

Introduction

Members of the cytochrome b561 (CYB561; MIM 600019) family, including FRRS1, reduce ferric to ferrous iron before its transport from the endosome to the cytoplasm.

Alternative Names

FRRS1; SDR2; SDFR2; SDR-2; stromal cell derived factor receptor 2 homolog; stromal cell-derived receptor 2; Ferric chelate reductase 1

Gene ID

[391059](#)

UniProt ID

[Q6ZNA5](#)