

Product Information

MemDX™ Membrane Protein Human SRPRB (SRP receptor subunit beta) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX1543K**

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

This product is a Human SRPRB 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

SRPRB

Protein Length

Full Length

Protein Class

Receptor

TMD

1

Sequence

MASADSRRVADGGGAGGTFQPYLDTLRQELQQTDPTLLSVVVAVLAVLLTLVFWKLIRSRSSQRAVLLVGLCDSGKTLLFVRLLT

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

SRPRB

Full Name

SRP receptor subunit beta

Introduction

The protein encoded by this gene has similarity to mouse protein which is a subunit of the signal recognition particle receptor (SR). This subunit is a transmembrane GTPase belonging to the GTPase superfamily. It anchors alpha subunit, a peripheral membrane GTPase, to the ER membrane. SR is required for the cotranslational targeting of both secretory and membrane proteins to the ER membrane.

Alternative Names

SRPRB; APMCF1; SR-beta; signal recognition particle receptor subunit beta; SRP receptor beta subunit; signal recognition particle receptor, B subunit; signal recognition particle receptor, beta subunit; SRP receptor subunit beta

Gene ID

[58477](#)

UniProt ID

[Q9Y5M8](#)