

## 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

MASADSRRVADGGGAGGTFQPYLDTLRQELQQTDPTLLSVVAVLAVLLTVFWKLIRSRRSSQRAVLLVGLCDSGKTLFVRLLT

#### 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](#)