

## Product Information

### MemDX™ Membrane Protein Human SUCNR1 (Succinate receptor 1) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3360K**

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

This product is a Human SUCNR1 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

SUCNR1

##### Protein Length

Full Length

##### Protein Class

GPCR

##### TMD

7

##### Sequence

MLGIMAWNATCKNWLAEEAALEKYYLSIFYGIEFVVGVLGNTIVVYGYIFSLKNWNSSNIYLFNLSVSDLAFLCTLPMLIRSYANGNWI

#### 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**

SUCNR1

### **Full Name**

Succinate receptor 1

### **Introduction**

This gene encodes a G-protein-coupled receptor for succinate, an intermediate molecule of the citric acid cycle. It is involved in the promotion of hematopoietic progenitor cell development, and it has a potential role in renovascular hypertension which has known correlations to renal failure, diabetes and atherosclerosis.

### **Alternative Names**

SUCNR1; GPR91; G-protein coupled receptor 91; P2Y purinoceptor 1; Succinate receptor 1

### **Gene ID**

[56670](#)

### **UniProt ID**

[Q9BXA5](#)