

# Product Information

## MemDX™ Membrane Protein Human SUCNR1 (Succinate receptor 1) Full Length

Cat. No.: **MPC0345K**

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

This product is a 38.6 kDa Human SUCNR1 membrane protein expressed in Baculovirus/Insect 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

#### Molecular Weight

38.6 kDa

#### TMD

7

#### Sequence

MLGIMAWNATCKNWLAEEAALEKYYLSIFYGIEFVVGVLGNTIVVYGYIF  
SLKNWNSSNIYLFNLSVSDLAFLCTLPLMLIRSYANGNWIYGDVLCISNRY  
VLHANLYTSILFLTFSIDRYLIIKYPFREHLLQKKEFAILISLAIWVLV  
TLELLPILPLINPVITDNGTTCNDFASSGDPNYNLIYSMCLTLLGFLIPL  
FVMCFYYKIALFLKQRNRQVATALPLEKPLNLVIMAVVIFSVLFTPYHV  
MRNVRIASRLGSWKQYQCTQVVINSFYIVTRPLAFLNSVINPVFYFLLGD  
HFRDMLMNQLRHNFKSLTSFSRWAHELLLSFREK

### Product Description

#### Expression Systems

Baculovirus/Insect expression system

#### Tag

Based on specific requirements

#### Protein Format

Detergent or based on specific requirements

**Form**

Liquid

**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**

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

**Gene ID**

[56670](#)

**UniProt ID**

[Q9BXA5](#)