

## Product Information

### MemDX™ Membrane Protein Human SLC14A1 (Solute carrier family 14 member 1 (Kidd blood group)) expressed in *In vitro* wheat germ expression system for Antibody Discovery

Cat. No.: **MP1147X**

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

This product is a 68.9 kDa Human SLC14A1 membrane protein expressed in *In vitro* wheat germ 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

SLC14A1

##### Protein Length

Full-length

##### Molecular Weight

68.9 kDa

##### TMD

8

##### Sequence

MEDSPTMVRVDSPTMVRGENQVSPCQGRRCFPKALGYVTGDMKELANQLDKPVVLQFIDWILRGISQVFVNNPVSGILILVGLY

#### Product Description

##### Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

##### Expression Systems

*In vitro* wheat germ expression system

##### Tag

GST-tag at N-terminal

##### Protein Format

Liposome

##### Form

Liquid

### **Purification**

Glutathione Sepharose 4 Fast Flow

### **Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0

### **Storage**

Store at +4°C for up to one week or several months at -80°C

## **Target**

### **Target Protein**

SLC14A1

### **Full Name**

Solute carrier family 14 member 1 (Kidd blood group)

### **Introduction**

The protein encoded by this gene is a membrane transporter that mediates urea transport in erythrocytes. This gene forms the basis for the Kidd blood group system.

### **Alternative Names**

JK; UT1; UTE; HUT11; Jk(b); RACH1; RACH2; UT-B1; HsT1341; urea transporter 1; Kidd blood group antigen; SLC14A1 JK; solute carrier family 14 (urea transporter), member 1 (Kidd blood group); urea transporter JK glycoprotein; urea transporter, erythrocyte; urea transporter-B1

### **Gene ID**

[6563](#)

### **UniProt ID**

[Q13336](#)