

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

MEDSPTMVRVDSPTMVRGENQVSPCQGRRCFPKALGYVTGDMKELANQLKDKPVVLQFIDWILRGISQVVFVNNPVSGILILVGLL

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](#)