

# Product Information

## MemDX™ Membrane Protein Human SLC2A14 (Solute carrier family 2 member 14) Full

### Length

Cat. No.: **MPC0824K**

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

This product is a 56.3 kDa Human SLC2A14 membrane protein expressed in HEK293. 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

SLC2A14

#### Protein Length

Full length

#### Protein Class

Transporter

#### Molecular Weight

56.3 kDa

#### TMD

12

#### Sequence

MEFHNGGHHVSGIGGFLVSLTSRMKPHTLAVTPALIFAITVATIGSFQFGY  
NTGVINAPETIIKEFINKTLTDKANAPPSEVLLTNLWSLSVAIFSVGGMI  
GSFSVGLFVNRFGRNSMLIVNLLAATGGCLMGLCKIAESVEMLILGRLV  
IGLFCGLCTGFVPMYIGEISPTALRGAFGTNLNQLGIVIGILVAQIFGLEL  
ILGSEELWPVLLGFTILPAILQSAALPCCPESPRFLLINRKKEENATRIL  
QRLWGTQDVSQDIQEMKDESARMSQEKQVTVLELFRVSSYRQPIIISIVL  
QLSQQLSGINAVFYYSTGIFKDAGVQQPIYATISAGVVNTIFTLLSLFLV  
ERAGRRTLHMIGLGMAFCSTLMTVSLLLKNHYNGMSFVCIGAILVFVAC  
LEIGPGPIPWFIWAELFSQGPRPAAMAVAGCSNWTSNFLVGLLFPSAAYY  
LGAYVFIIFTGFLITFLAFTFFKVPETRGRTFEDITRAFEGQAHGADRSG  
KDGVMGMNSIEPAKETTTNV

### Product Description

#### Expression Systems

HEK293

**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 -72°C or lower. Avoid freeze/thaw cycles.

**Target****Target Protein**

SLC2A14

**Full Name**

Solute carrier family 2 member 14

**Introduction**

Members of the glucose transporter (GLUT) family, including SLC2A14, are highly conserved integral membrane proteins that transport hexoses such as glucose and fructose into all mammalian cells. GLUTs show tissue and cell-type specific expression.

**Alternative Names**

GLUT14; SLC2A3P3; solute carrier family 2, facilitated glucose transporter member 14; glucose transporter type 14; solute carrier family 2 (facilitated glucose transporter), member 14; solute carrier family 2 (facilitated glucose transporter), member 3 pseudogene 3; SLC2A14; Solute carrier family 2 member 14

**Gene ID**

[144195](#)

**UniProt ID**

[Q8TDB8](#)