

Product Information

MemDX™ Membrane Protein Human SLC2A8 (Solute carrier family 2 member 8) for Antibody Discovery

Cat. No.: **MP1208X**

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

This product is a 77.2 kDa Human SLC2A8 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

SLC2A8

Protein Length

Full-length

Molecular Weight

77.2 kDa

TMD

12

Sequence

MTPEDPEETQPLLGPFGGSAPRGRRVFLAAFAAALGPLSFGFALGYSSPAIPSLQRAAPPAPRLDDAAASWFGAVVTLGAAAGGV

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

SLC2A8

Full Name

Solute carrier family 2 member 8

Introduction

This gene belongs to the solute carrier 2A family, which includes intracellular glucose transporters. Based on sequence comparison, the glucose transporters are grouped into three classes and this gene is a member of class II. The encoded protein, like other members of the family, contains several conserved residues and motifs and 12 transmembrane domains with both amino and carboxyl ends being on the cytosolic side of the membrane. Alternatively spliced transcript variants have been described for this gene.

Alternative Names

GLUT8; GLUTX1; solute carrier family 2, facilitated glucose transporter member 8; glucose transporter type 8; glucose transporter type X1; solute carrier family 2 (facilitated glucose transporter), member 8

Gene ID

[29988](#)

UniProt ID

[Q9NY64](#)