



# SLC2A12 blocking peptide (DAG-P1613)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	SLC2A12 belongs to a family of transporters that catalyze the uptake of sugars through facilitated diffusion (Rogers et al., 2002). This family of transporters show conservation of 12 transmembrane helices as well as functionally significant amino acid residues (Joost and Thorens, 2001 [PubMed 11780753]).[supplied by OMIM, Mar 2008]
<b>Specificity</b>	Predominantly expressed in skeletal muscle, heart and prostate, with lower levels in brain, placenta and kidney.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL
<b>Sequence Similarities</b>	Belongs to the major facilitator superfamily. Sugar transporter (TC 2.A.1.1) family. Glucose transporter subfamily.
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">SLC2A12 solute carrier family 2 (facilitated glucose transporter), member 12 [Homo sapiens (human)]</a>
<b>Official Symbol</b>	SLC2A12
<b>Synonyms</b>	SLC2A12; solute carrier family 2 (facilitated glucose transporter), member 12; GLUT8; GLUT12; solute carrier family 2, facilitated glucose transporter member 12; GLUT-12; glucose transporter type 12;

<b>Entrez Gene ID</b>	<a href="#">154091</a>
<b>mRNA Refseq</b>	<a href="#">NM_145176.2</a>
<b>Protein Refseq</b>	<a href="#">NP_660159.1</a>
<b>UniProt ID</b>	Q8TD20
<b>Chromosome Location</b>	6q23.2
<b>Pathway</b>	Facilitative Na <sup>+</sup> -independent glucose transporters, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds, organism-specific biosystem;
<b>Function</b>	substrate-specific transmembrane transporter activity;