



Human SLC2A5 peptide (DAG-P0544)

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

PRODUCT INFORMATION

Antigen Description	Cytochalasin B-sensitive carrier. Seems to function primarily as a fructose transporter.
Specificity	Expressed in small intestine, and at much lower levels in kidney, skeletal muscle, and adipose tissue.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the major facilitator superfamily. Sugar transporter (TC 2.A.1.1) family. Glucose transporter subfamily.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	SLC2A5 solute carrier family 2 (facilitated glucose/fructose transporter), member 5 [Homo sapiens (human)]
Official Symbol	SLC2A5
Synonyms	SLC2A5; solute carrier family 2 (facilitated glucose/fructose transporter), member 5; GLUT5; GLUT-5; solute carrier family 2, facilitated glucose transporter member 5; glucose transporter-like protein 5; glucose transporter type 5, small intestine;
Entrez Gene ID	6518

mRNA Refseq	NM_001135585.1
Protein Refseq	NP_001129057.1
UniProt ID	P22732
Chromosome Location	1p36.2
Pathway	Carbohydrate digestion and absorption, organism-specific biosystem; Carbohydrate digestion and absorption, conserved biosystem; Class II GLUTs, organism-specific biosystem; Facilitative Na+-independent glucose transporters, organism-specific biosystem; Glycolysis and Gluconeogenesis, organism-specific biosystem; Hexose transport, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of carbohydrates, organism-specific biosystem; SLC-mediated transmembrane transport, or
Function	fructose transmembrane transporter activity; glucose transmembrane transporter activity;