

Product datasheet

GLUT9 peptide ab105952

Description

Product name	GLUT9 peptide		
Animal free	No		
Nature	Synthetic		
Sequence	VVTVIVTMACYQLCGLNAWIFYTNSIFGKAGIPPAKIPYV TLSTGGIETL		
Predicted molecular weight	56 kDa		

Specifications

Our [Abpromise guarantee](#) covers the use of **ab105952** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Blocking - Blocking peptide for Anti-GLUT9 antibody (ab82910)
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
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General Info

Function	Transport urate and fructose. May have a role in the urate reabsorption by proximal tubules. Also transports glucose at low rate.
Tissue specificity	Most strongly expressed in basolateral membranes of proximal renal tubular cells, liver and placenta. Also detected in lung, blood leukocytes, heart skeletal muscle and chondrocytes from articular cartilage. Isoform 2 is only detected in the apical membranes of polarized renal tubular cells and placenta. Isoform 1 and isoform 2 are detected in kidney membrane (at protein level).
Involvement in disease	Hypouricemia renal 2
Sequence similarities	Belongs to the major facilitator superfamily. Sugar transporter (TC 2.A.1.1) family. Glucose transporter subfamily.
Cellular localization	Basolateral cell membrane and Apical cell membrane. Basolateral cell membrane.

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

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