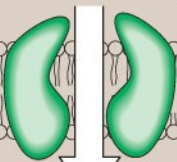


Glucose



GLUT-2

PLASMA MEMBRANE

Glucose



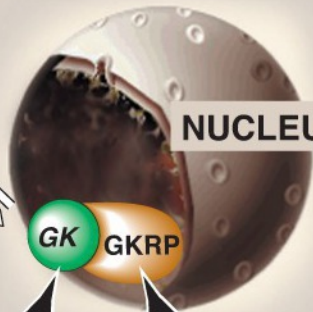
**Glucose
6-phosphate**



**Fructose
6-phosphate**



Pyruvate



NUCLEUS

GK

GKRP

**Glucokinase
regulatory
protein
(GKRP)**

**Glucokinase (GK)
(inactive)**