

G6pc-KO

Nomenclature	C57BL/6Smoc- <i>G6pc</i> ^{em1Smoc}
Cat. NO.	NM-KO-205040
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol G6pc	Synonyms	G6pt, G6Pase, AW107337, Glc-6-Pase
	NCBI ID	14377
	MGI ID	95607
	Ensembl ID	ENSMUSG00000078650
	Human Ortholog	G6PC1

Model Description

Exon 3 of G6pc gene was deleted to generate G6pc knockout mice.

*Literature published using this strain should indicate: G6pc-KO mice (Cat. NO. NM-KO-205040) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

glycogen storage disease I	Phenotype(s)	MGI:2677133
	Reference(s)	Lei KJ, Chen H, Pan CJ, Ward JM, Mosinger B Jr, Lee EJ, Westphal H, Mansfield BC, Chou JY, Glucose-6-phosphatase dependent substrate transport in the glycogen storage disease type-1a mouse. Nat Genet. 1996 Jun;13(2):203-9

Validation Data

No data