

Plau-KO

Nomenclature	C57BL/6Smoc- <i>Plau</i> ^{em1Smoc}
Cat. NO.	NM-KO-190855
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Plau	Synonyms	uPA, u-PA
	NCBI ID	18792
	MGI ID	97611
	Ensembl ID	ENSMUSG000000021822
	Human Ortholog	PLAU

Model Description

Exon 3-4 of Plau gene was deleted to generate Plau knockout mice.

Research Application: Alzheimer's Disease ,Beta-Amyloid Generation, Oligomerization, Clearance & Degradation, immune system,

*Literature published using this strain should indicate: Plau-KO mice (Cat. NO. NM-KO-190855) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Alzheimer's Disease	Phenotype(s)	MGI:2662716
	Reference(s)	Ertekin-Taner N, Ronald J, Feuk L, Prince J, Tucker M, Younkin L, Hella M, Jain S, Hackett A, Scanlin L, Kelly J, Kihiko-Ehman M, Neltner M, Hersh L, Kindy M, Markesbery W, Hutton M, de Andrade M, Petersen RC, Graff-Radford N, Estus S, Brookes AJ, Younkin SG, Elevated amyloid beta protein (Abeta42) and late onset Alzheimer's disease are associated with single nucleotide polymorphisms in the urokinase-type plasminogen activator gene. Hum Mol Genet. 2005 Feb 1;14(3):447-60

Validation Data

No data
