

Adcy5-KO

Nomenclature	C57BL/6Smoc- <i>Adcy5</i> ^{em1Smoc}
Cat. NO.	TBD
Strain State	Developing

Gene Summary

Gene Symbol Adcy5	Synonyms	Ac5, AW121902
	NCBI ID	224129
	MGI ID	99673
	Ensembl ID	ENSMUSG00000022840
	Human Ortholog	ADCY5

Model Description

Exon 3 of *Adcy5* gene was deleted to generate *Adcy5* knockout mice.

*Literature published using this strain should indicate: *Adcy5*-KO mice (Cat. NO. TBD) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Parkinson's Disease	Phenotype(s)	MGI:2662300
	Reference(s)	Iwamoto T, Okumura S, Iwatsubo K, Kawabe J, Ohtsu K, Sakai I, Hashimoto Y, Izumitani A, Sango K, Ajiki K, Toya Y, Umemura S, Goshima Y, Arai N, Vatner SF, Ishikawa Y, Motor dysfunction in type 5 adenylyl cyclase-null mice. J Biol Chem. 2003 May 9;278(19):16936-40

Validation Data

No data