

Pirt-2A-CreERT2

Nomenclature	C57BL/6Smoc- <i>Pirt</i> ^{tm1(2A-CreERT2)Smoc}
Cat. NO.	NM-KI-200317
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Pirt	Synonyms	A530088H08Rik
	NCBI ID	193003
	MGI ID	2443635
	Ensembl ID	ENSMUSG00000048070
	Human Ortholog	PIRT

Model Description

A 2A-CreERT2 expression cassette was knocked into the Pirt gene stop codon site.

Research Application: Regulatory subunit of TRPV1, a molecular sensor of noxious heat and capsaicin. Positively regulates TRPV1 channel activity via phosphatidylinositol 4,5-bisphosphate (PIP2). colorectal cancer associated

*Literature published using this strain should indicate: Pirt-2A-CreERT2 mice (Cat. NO. NM-KI-200317) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

No data