MAGL-Flox mouse

Catalogue number: 160870
Sub-type: Mouse
Images:

Contributor

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Institute: University of Graz
Images:

Tool details

*FOR RESEARCH USE ONLY

Name: MAGL-Flox mouse

Alternate name: MGL, Mgll, Magl

Class:
Conjugate:
Description: Useful model for the generation of tissue/cell specific MAGL-deficient mice. Animals might be useful for studies, e.g. on energy metabolism or endocannabinoid signalling.
Purpose:
Parental cell:
Organism:
Tissue:
Model: Conditional KO
Gender:
Isotype:
Reactivity:
Selectivity:
Host:
Immunogen:
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details: A floxed neomycin resistance cassette was inserted upstream of exon 3. An additional loxP site was inserted downstream of exon 4. Cre-mediated recombination removed the selection cassette leaving Mgll exon 3 and 4 floxed. Further details are available upon request.
Formulation:
Recommended controls:
Bacterial resistance:

Selectable markers:
Additional notes:

Target details

Target: Monoglyceride lipase; monoacyl glycerol lipase

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:
Application notes:

Handling

Format:
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions:

Related tools

Related tools: MAGL Knockout mouse

References

References: 23413028 ; Grond et al. 2017. J Invest Dermatol. 137(2):403-413. PMID: 27725204. ; Jaeger et al. 2015. J Hepatol. 63(2):437-45. PMID: 25733154. ; Radner et al. 2010. J Biol Chem.

285(10):7300-11. PMID: 20023287.