

# MAGL Knockout mouse

**Catalogue number:** 160871

**Sub-type:** Mouse

**Images:**

## Contributor

**Inventor:** Robert Zimmermann ; Franz Radner

**Institute:** University of Graz

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** MAGL Knockout mouse

**Alternate name:** MGL, MgII, MagI

**Class:**

**Conjugate:**

**Description:** Useful model to study MAGL-deficiency. Animals might be useful for studies, e.g. on energy metabolism or endocannabinoid signalling.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:** Knock-Out

**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 MgII exon 3 and 4 and the selection cassette. 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-Flox mouse

## References

**References:** 21454566 ; 26565024