Pik3ca-H1047R conditional Flp inducible

Catalogue number: 158395
Sub-type: Mouse
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Pik3ca-H1047R conditional Flp inducible

Alternate name:

Class:
Conjugate:
Description:
Purpose:
Parental cell:
Organism:
Tissue:
Model: Conditional KO
Gender:
Isotype:
Reactivity:
Selectivity:
Host:
Immunogen:
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details: Genomic DNA covering the last 6 exons of the coding region of Pik3ca was isolated and a point mutation, resulting in conversion of CAT (H) to CGT (R) in the C terminal p110Î?kinase domain, was introduced by site-directed mutagenesis. In addition, a neo selection cassette flanked by frt sites was inserted into exons 19 and 20 in the targeting vector using standard restriction enzyme- and PCR-based cloning techniques.
Formulation:
Recommended controls:

Bacterial resistance:
Selectable markers:
Additional notes: Homozygous and heterozygous mice are phenotypically normal.

Target details

Target: PIK3CA

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: Embryo/Spermatoza- Dry Ice

Related tools

Related tools:

References

References: Kulkarni et al. 2011. Sci Signal. 4(168):ra23. PMID: 21487106. ; Guillermet-Guibert et al.

2008. Proc Natl Acad Sci U S A. 105(24):8292-7. PMID: 18544649.