HRN Nude Mouse

Catalogue number: 151829
Sub-type: Mouse
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: HRN Nude Mouse

Alternate name:

Class:
Conjugate:
Description: A P450 Oxidoreductase hepatic null in nude background (ICRF nude mouse). This mouse has a conditional deletion of POR and may be used in the drug development process to establish role of P450 activity in anti-cancer drug efficacy in vivo.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype:
Reactivity:
Selectivity:
Host:
Immunogen:
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details: The hepatic reductase null (HRN) line, which is PORlox/lox::CreALB, was crossed to the ICRF nude mouse. The ultimate experimental mouse is thus PORlox/lox::CreALB::nu/nu, with PORlox/lox::nu/nu as matched controls (the latter are essentially 'ordinary' nude mice, with normal POR expression, and thus normal hepatic P450 activity).
Formulation:

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Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: P450 Oxidoreductase

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:
Application notes:

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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: Orsi et al. 2012. Mol Biol Cell. 23(10):1860-73. PMID: 22456507. ; Dynamic and transient interactions of Atg9 with autophagosomes, but not membrane integration, are required for autophagy. ; Young et al. 2006. J Cell Sci. 119(Pt 18):3888-900. PMID: 16940348. ; Starvation and ULK1-dependent cycling of mammalian Atg9 between the TGN and endosomes.

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