RIP140 KO Mouse

Catalogue number: 151633
Sub-type: Mouse
Images:

Contributor

Inventor: Malcolm Parker
Institute: Cancer Research UK, London Research Institute: Lincoln's Inn Fields
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: RIP140 KO Mouse

Alternate name:

Class:
Conjugate:
Description: RIP140 is a ligand-dependent corepressor for most nuclear receptors, and functions through interaction with their AF2 activation domains.Scientific objective was to elucidate the function of RIP140 is oestrogen receptor signalling but was subsequently extended to include other nuclear receptors. This mouse maybe useful for studying compounds targeting RIP140 in fertility and obesity associated disorders. Cofactor for nuclear receptors.
Purpose:
Parental cell:
Organism:
Tissue:
Model: Knock-Out
Gender:
Isotype:
Reactivity:
Selectivity:
Host:
Immunogen:
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details: Recombinant lambda bacteriophage encompassing an 8.1-kilobase XbaI fragment containing the entire coding region of mouse Nrip1 were isolated from a 129/Sv mouse

genomic library. A 3.63-kilobase NsiI fragment containing the entire coding sequence with the exception of the first 27 amino acids was removed and replaced with an internal ribosomal entry site neo cassette from the vector pGT1.8IRESGEOSK. The plasmid DNA was electroporated into 129/Ola embryonic stem embryonic stem cells, and G418-resistant clones were screened for homologous recombination using Southern blot analysis. Of 144 embryonic stem cell clones analyzed, 5 underwent homologous recombination at the Nrip1 locus. Two independent Nrip1-/- clones contributed to the germline and were used to generate Nrip1-null lines.
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: RIP140

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: Gonzlez-Garca et al. 2005. Cancer Cell. 7(3):219-26. PMID: 15766660. ; RalGDS is required for tumor formation in a model of skin carcinogenesis.