

ABHD5 knock out mouse

Catalogue number: 160868

Sub-type: Mouse

Images:

Contributor

Inventor: Franz Radner ; Rudolf Zechner

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: ABHD5 knock out mouse

Alternate name: ABHD5, CGI-58

Class:

Conjugate:

Description: Useful model to study ABHD5 deficiency. Animals might be useful for studies, e.g. on energy metabolism or skin development/barrier function. Mice homozygous for the mutation die shortly after birth due to transepidermal water loss.

Purpose:

Parental cell:

Organism:

Tissue:

Model: Knock-Out

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details: A loxP site was inserted upstream of exon 4 and a floxed neomycin resistance cassette was inserted downstream of exon 7. Cre-mediated recombination removed Abhd5 exon 4 and 7 and the selection cassette. Further details are available upon request.

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Abhydrolase domain containing 5, comparative gene identification-58, Chanarin-Dorfman, ichthyosis

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: ABHD5-flox mouse

References

References: Heier et al. 2015. J Biol Chem. 290(43):26141-50. PMID: 26350455.

CancerTools.org