

InvEE Mouse

Catalogue number: 151444

Sub-type: Mouse

Images:

Contributor

Inventor: Fiona Watt

Institute: Cancer Research UK, London Research Institute: Lincoln's Inn Fields

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: InvEE Mouse

Alternate name:

Class:

Conjugate:

Description: A transgenic mouse expressing constitutively active MEK 1 in the epidermis. The mouse displays many phenotypes associated with psoriasis including abnormal keratinocyte differentiation, hyperproliferation of keratinocytes and infiltration of inflammatory elements. Disease model for psoriasis; in vivo study of constitutively active murine MEK1 mutant (S217E/S221E) in skin.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details: An involucrin - MEK1 transgene expression construct was injected into male pronucleus of fertilized F1 hybrid CBAXC57Bl/6 embryos. Transgene-positive mice were mated with wildtype F1 CBAXC57BL/6 to generate founder lines.

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: MEK1

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/Spermatozoa- Dry Ice

Related tools

Related tools:

References

References: Zhou et al. 2008. Am J Respir Crit Care Med. 178(12):1202-10. PMID: 18787219; Elsby et al. 2003. J Biol Chem. 278(25):22243-9. PMID: 12646564; Rosario et al. 2000. Mol Pharmacol. 58(1):167-74. PMID: 10860939; Henderson et al. 1998. Proc Natl Acad Sci U S A. 95(9):5275-80. PMID: 9560266

CancerTools.org