

ATF7 Deleter Mouse

Catalogue number: 151635

Sub-type: Mouse

Images:

Contributor

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Institute: Cancer Research UK, Manchester Institute

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: ATF7 Deleter Mouse

Alternate name:

Class:

Conjugate:

Description: Conditional knockout of ATF7 DNA binding domain. Transcription factor (BZIP-type, AP1-family)

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details: Atf7 genomic sequences were isolated by screening a 129/ola mouse cosmid library (RZPD), cloned into pIRES-lacZ-pA-neo-loxP, transfected into 129/ola embryonic stem cells. Transgenic animals were produced by blastocyst injection and offspring mice were backcrossed at least six times with C57 Bl/6 mice to produce isogenic lines.

Formulation:

Recommended controls:

Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: ATF7

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: Colley et al. Pre-clinical evaluation of novel mucoadhesive bilayer patches for local

delivery of clobetasol-17-propionate to the oral mucosa. 2018. Biomaterials. 178:134-146. PMID: 29929183.; Pre-clinical evaluation of novel mucoadhesive bilayer patches for local delivery of clobetasol-17-propionate to the oral mucosa.; Morse et al. 2018. Denture-associated biofilm infection in three-dimensional oral mucosal tissue models. J Med Microbiol. 67(3):364-375. PMID: 29458673.; Denture-associated biofilm infection in three-dimensional oral mucosal tissue models.; Jennings et al. 2016. Development and Characterization of In Vitro Human Oral Mucosal Equivalents Derived from Immortalized Oral Keratinocytes. Tissue Eng Part C Methods. 22(12):1108-1117. PMID: 27846777.; Development and Characterization of In Vitro Human Oral Mucosal Equivalents Derived from Immortalized Oral Keratinocytes.; Hakami et al. 2014. Br J Cancer. 111(4):807-16. PMID: 25010866.; The roles of HOXD10 in the development and progression of head and neck squamous cell carcinoma (HNSCC).; McGregor et al. 2002. Cancer Res. 62(16):4757-66. PMID: 12183435.; Molecular changes associated with oral dysplasia progression and acquisition of immortality: potential for its reversal by 5-azacytidine.

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