

MEF OGG1 KO Cell Line

Catalogue number: 151846

Sub-type:

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: MEF OGG1 KO Cell Line

Alternate name:

Class:

Conjugate:

Description: The MEF OGG1 KO cell line can be used to assess the role of the mammalian enzyme OGG1 in repair of DNA damage and prevention of carcinogenesis. the cell line can be used to assess the incidence and consequences of 8-oxoG formation in the mammalian genome.

Purpose:

Parental cell:

Organism: Mouse

Tissue: Embryo

Model: Knock-Out

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: OGG1

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:

Application notes: Primary mouse embryo fibroblast (MEF) cultures from Ogg1 mutant mice were established by standard procedures from individual embryonic day 13.5 (E13.5) embryos derived from heterozygous matings. Cells were cultured in DMEM/Hams F-12 (3:1) with 10% FBS and genotyped by Southern hybridization, and permanent cell lines were established from transformed clones arising spontaneously after repeated passage in culture.

Handling

Format: Frozen

Concentration:

Passage number:

Growth medium: DMEM/Ham's F-12 (3:1) with 10% FBS

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Dry ice

Related tools

Related tools: OGG1 KO Mouse

References

References: Brandeis et al. 1998. Proc Natl Acad Sci U S A. 95(8):4344-9. PMID: 9539739. ; Cyclin B2-null mice develop normally and are fertile whereas cyclin B1-null mice die in utero.

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