USP9x-deficient HCT116 (with or without p53) cell line

Catalogue number: 156403
Sub-type: Continuous
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: USP9x-deficient HCT116 (with or without p53) cell line

Alternate name:

Class:
Conjugate:
Description: This cell line presents an opportunity to study the effect of loss of apoptotic control on colorectal cancer cells. Study of deubiquitinase Ups9X could act as a leap towards understanding apoptotic regulation and potentially lead to new drug targets for cancer.In this technology, the gene USP9X is knocked out of two the HCT116 cell line. The gene knockout has been performed by rAAV-mediated homologous recombination. The technology also consists of a double knockout line without USP9X and p53, a tumor suppressor gene.
Purpose:
Parental cell: HCT 116
Organism:
Tissue: Colon
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: USP9X and p53

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:
Application notes:

Handling

Format: Frozen
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Dry ice

Related tools

Related tools:

References

References: Chung et al. 2010. PLoS Genet. 6(2):e1000863. PMID: 20195506.