Caki-2 SETD2 KO cell line

Catalogue number: 160724
Sub-type: Continuous
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Caki-2 SETD2 KO cell line

Alternate name: HBP231, HIF-1, HIP-1, HYPB, KMT3A

Class:
Conjugate:
Description: Experimental ablation of SETD2 gene expression using the CRISPR/Cas9 system renders Caki-2-SETD2 knockout cells a valuable tool to investigate the role of H3K36me3 histone methylation in processes such as transcription or DNA repair.
Purpose:
Parental cell: Clear cell renal cell carcinoma cell line (Caki-2)
Organism: Human
Tissue: Kidney
Model: Knock-Out
Gender:
Isotype:
Reactivity:
Selectivity:
Host:
Immunogen:
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details: CRISPR/Cas9 KO
Formulation:
Recommended controls: Caki-2 Parental Line
Bacterial resistance:
Selectable markers:

Additional notes: Cancer Research Technology Limited (trading research tools as Ximbio) has been granted a non-exclusive license to the CRISPR-Cas9 technology by ERS Genomics Ltd under the patent rights listed here. This license from ERS Genomics Ltd allows Ximbio to develop and commercialise CRISPR-Cas9 modified cell lines for research use only. Ximbio can provide these modified CRISPR-Ca...

Target details

Target: SET domain containing 2

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:
Application notes: Cancer Research Technology Limited (trading research tools as CancerTools.org) has been granted a non-exclusive license to the CRISPR-Cas9 technology by ERS Genomics Ltd under the patent rights listed here: https://www.cancertools.org/tool-faqs#hs_cos_wrapper_widget_1649861453796 This license from ERS Genomics Ltd allows CancerTools.org to develop and commercialise CRISPR-Cas9 modified cell lines for research use only. CancerTools.org can provide these modified CRISPR-Cas9 cell lines to comp...

Handling

Format: Frozen
Concentration:
Passage number:
Growth medium: Grow as monolayers in Dulbecco's modified Eagle medium, supplemented with 10% (v/v) FBS, 1% (v/v) nonessential amino acids, 1% (v/v) L-glutamine and 100U/mL penicillin-streptomycin, at 37??Â°C in a humidified atmosphere with 5% CO2.
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Dry ice

Related tools

Related tools: Caki-2 DNMT3A KO cell line

References

References: de Matos et al. 2019. Cancers (Basel). 11(3):. PMID: 30897760.