

Product datasheet

Human HES4 knockout A549 cell lysate ab258901

2 Images

Overview

| | |
|-----------------------------|---|
| Product name | Human HES4 knockout A549 cell lysate |
| Product overview | Knockout cell lysate achieved by CRISPR/Cas9. |
| Parental Cell Line | A549 |
| Organism | Human |
| Mutation description | Knockout achieved by using CRISPR/Cas9, 46 bp deletion in exon4 and 79 bp deletion in exon4. |
| Passage number | <20 |
| Knockout validation | Sanger Sequencing |
| Reconstitution notes | To use as WB control, resuspend the lyophilizate in 50 µL of LDS* Sample Buffer to have a final concentration of 2 mg/ml. For reducing conditions, we recommend a final concentration of 0.1 M DTT. |

**Usage of SDS sample buffer is not recommended with these lyophilized lysates.*

Notes

Lysate preparation: Our lysates are made using RIPA buffer to which we add a protease inhibitor cocktail and phosphatase inhibitor cocktail (ratio: 300:100:10). *This means that the protein of interest is denatured.* If you require a native form of the protein please use the live cell version - found [here](#). Please refer to our lysis protocol for further details on how our lysates are prepared.

User storage instructions: After reconstitution, store the lysate at -80°C.

Access thousands of knockout cell lysates, generated from commonly used cancer cell lines. [See here for more information on knockout cell lysates.](#)

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Properties

Properties

Storage instructions Store at -80°C. Please refer to protocols.

| Components | 1 kit |
|---|-----------|
| ab263694 - Human HES4 knockout A549 cell lysate (Lyophilized) | 1 x 100µg |
| ab255554 - Human Wild Type A549 cell lysate (Lyophilized) | 1 x 100µg |

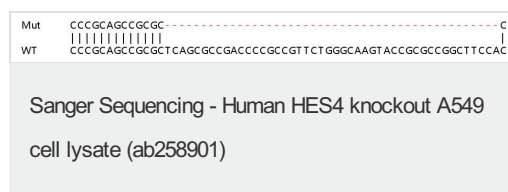
Cell type epithelial
Disease Carcinoma
STR Analysis Amelogenin X,Y D5S818: 11 D13S317: 11 D7S820: 8, 11 D16S539: 11, 12 WWA: 14 TH01: 8,9,3 TPOX: 8,11 CSF1PO: 10, 12

Target

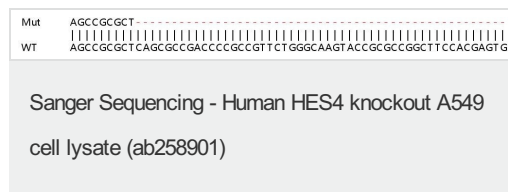
Relevance HES4 may be a transcriptional repressor. It is expressed in stomach, pancreas, ovary, uterus, eye and bone. It has an N-terminal bHLH domain.

Cellular localization Nuclear

Images



Allele-1: 46 bp deletion in exon4



Allele-2: 79 bp deletion in exon4

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