

## HIC2 Knockout cell line (A549)

**Catalog Number:** KO29850

| Product Information        |                                                                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | HIC2 Knockout cell line (A549)                                                                                                                                          |
| specification              | 1*10 <sup>6</sup>                                                                                                                                                       |
| Storage and transportation | Dry ice preservation/T25 live cell transportation.                                                                                                                      |
| Cell morphology            | Epithelioid, adherent cell                                                                                                                                              |
| Passage ratio              | 1:3~1:4                                                                                                                                                                 |
| species                    | Human                                                                                                                                                                   |
| Gene                       | HIC2                                                                                                                                                                    |
| Gene ID                    | 23119                                                                                                                                                                   |
| Build method               | Electric rotation method / virus method                                                                                                                                 |
| Mycoplasma testing         | Negative                                                                                                                                                                |
| Cultivation system         | 90% F12K+10% FBS                                                                                                                                                        |
| Parental Cell Line         | A549                                                                                                                                                                    |
| Quality Control            | Genotype: HIC2 Knockout cell line (A549) >95% viability before freezing. All cells were tested and found to be free of bacterial, viruses, mycoplasma and other toxins. |

| Gene Information        |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Official Full Name | HIC ZBTB transcriptional repressor 2provided by HGNC                                                                                                                                                                                                                                                                                                                                                                                                 |
| Also known as           | HRG22; ZBTB30; ZNF907                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene Description        | Predicted to enable DNA-binding transcription repressor activity, RNA polymerase II-specific and RNA polymerase II cis-regulatory region sequence-specific DNA binding activity. Predicted to be involved in negative regulation of transcription by RNA polymerase II; regulation of cytokine production; and regulation of immune system process. Located in nucleoplasm and plasma membrane. [provided by Alliance of Genome Resources, Apr 2025] |
| Expression              | Broad expression in placenta (RPKM 3.4), testis (RPKM 2.9) and 25 other tissues See more                                                                                                                                                                                                                                                                                                                                                             |