

## ING4 Knockout cell line (A549)

Catalog Number: KO22934

| Product Information        |                                                                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | ING4 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                       | ING4                                                                                                                                                                    |
| Gene ID                    | 51147                                                                                                                                                                   |
| Build method               | Electric rotation method / virus method                                                                                                                                 |
| Mycoplasma testing         | Negative                                                                                                                                                                |
| Cultivation system         | 90% F12K+10% FBS                                                                                                                                                        |
| Parental Cell Line         | A549                                                                                                                                                                    |
| Quality Control            | Genotype: ING4 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 | inhibitor of growth family member 4 provided by HGNC                                                                                                                                                                                                                                                                                                                                                                                                      |
| Also known as           | my036; p29ING4                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Description        | This gene encodes a tumor suppressor protein that contains a PHD-finger, which is a common motif in proteins involved in chromatin remodeling. This protein can bind TP53 and EP300/p300, a component of the histone acetyl transferase complex, suggesting its involvement in the TP53-dependent regulatory pathway. Multiple alternatively spliced transcript variants have been observed that encode distinct proteins. [provided by RefSeq, Jul 2008] |
| Expression              | Ubiquitous expression in thyroid (RPKM 15.7), endometrium (RPKM 14.9) and 25 other tissues See more                                                                                                                                                                                                                                                                                                                                                       |