

## ACOT2 Knockout cell line (A549)

**Catalog Number:** KO31368

| Product Information        |                                                                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | ACOT2 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                       | ACOT2                                                                                                                                                                    |
| Gene ID                    | 10965                                                                                                                                                                    |
| Build method               | Electric rotation method / virus method                                                                                                                                  |
| Mycoplasma testing         | Negative                                                                                                                                                                 |
| Cultivation system         | 90% F12K+10% FBS                                                                                                                                                         |
| Parental Cell Line         | A549                                                                                                                                                                     |
| Quality Control            | Genotype: ACOT2 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 | acyl-CoA thioesterase 2 provided by HGNC                                                                                                                                                                                                                |
| Also known as           | MTE1; PTE2; CTE1A; PTE2A; CTE-1A; ZAP128                                                                                                                                                                                                                |
| Gene Description        | This gene encodes a member of the acyl-CoA thioesterase protein family, and is one of four acyl-CoA hydrolase genes located in a cluster on chromosome 14. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2012] |
| Expression              | Broad expression in fat (RPKM 57.3), liver (RPKM 39.8) and 21 other tissues See more                                                                                                                                                                    |