

## Zc3h3 Knockout cell line (CT26.WT)

Catalog Number: KO01086

| Product Information        |                                                                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | Zc3h3 Knockout cell line (CT26.WT)                                                                                                                                          |
| specification              | 1*10 <sup>6</sup>                                                                                                                                                           |
| Storage and transportation | Dry ice preservation/T25 live cell transportation.                                                                                                                          |
| Cell morphology            | Fibroblast-like, adherent growth                                                                                                                                            |
| Passage ratio              | 1:3~1:4                                                                                                                                                                     |
| species                    | Mouse                                                                                                                                                                       |
| Gene                       | Zc3h3                                                                                                                                                                       |
| Gene ID                    | 223642                                                                                                                                                                      |
| Build method               | Electric rotation method / virus method                                                                                                                                     |
| Mycoplasma testing         | Negative                                                                                                                                                                    |
| Cultivation system         | 90%RPMI-1640+10% FBS                                                                                                                                                        |
| Parental Cell Line         | CT26.WT                                                                                                                                                                     |
| Quality Control            | Genotype: Zc3h3 Knockout cell line (CT26.WT) >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 | zinc finger CCCH type containing 3provided by MGI                                                                                                                                                                                                                                                                                                                                                              |
| Also known as           | Smicl; Zc3hdc3; Kiaa0150                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Description        | Enables R-SMAD binding activity. Acts upstream of or within mRNA 3'-end processing and positive regulation of activin receptor signaling pathway. Part of mRNA cleavage and polyadenylation specificity factor complex. Is expressed in central nervous system and genitourinary system. Orthologous to human ZC3H3 (zinc finger CCCH-type containing 3). [provided by Alliance of Genome Resources, Apr 2025] |
| Expression              | Ubiquitous expression in testis adult (RPKM 24.7), duodenum adult (RPKM 14.0) and 28 other tissues See more                                                                                                                                                                                                                                                                                                    |