

## NIPA2 Knockout cell line (HCT 116)

**Catalog Number:** KO25679

| Product Information        |                                                                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | NIPA2 Knockout cell line (HCT 116)                                                                                                                                          |
| specification              | 1*10 <sup>6</sup>                                                                                                                                                           |
| Storage and transportation | Dry ice preservation/T25 live cell transportation.                                                                                                                          |
| Cell morphology            | Epithelioid, adherent cell                                                                                                                                                  |
| Passage ratio              | 1:2~1:4                                                                                                                                                                     |
| species                    | Human                                                                                                                                                                       |
| Gene                       | NIPA2                                                                                                                                                                       |
| Gene ID                    | 81614                                                                                                                                                                       |
| Build method               | Electric rotation method / virus method                                                                                                                                     |
| Mycoplasma testing         | Negative                                                                                                                                                                    |
| Cultivation system         | 90%McCOYs 5A+10% FBS                                                                                                                                                        |
| Parental Cell Line         | HCT 116                                                                                                                                                                     |
| Quality Control            | Genotype: NIPA2 Knockout cell line (HCT 116) >95% viability before freezing. All cells were tested and found to be free of bacterial, viruses, mycoplasma and other toxins. |

| Gene Information        |                                                                                                                                                                                                                                                                                                                                   |
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| Gene Official Full Name | NIPA magnesium transporter 2provided by HGNC                                                                                                                                                                                                                                                                                      |
| Also known as           | SLC57A2                                                                                                                                                                                                                                                                                                                           |
| Gene Description        | This gene encodes a possible magnesium transporter. This gene is located adjacent to the imprinted domain in the Prader-Willi syndrome deletion region of chromosome 15. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 3, 7 and 21.[provided by RefSeq, May 2010] |
| Expression              | Ubiquitous expression in colon (RPKM 14.5), appendix (RPKM 13.2) and 25 other tissues See more                                                                                                                                                                                                                                    |