

## RAP2A Knockout cell line (BEAS-2B)

Catalog Number: KOA29402

| Product Information        |                                                                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | RAP2A Knockout cell line (BEAS-2B)                                                                                                                                        |
| specification              | 1*10^6                                                                                                                                                                    |
| Storage and transportation | Shipped on dry ice; Store in liquid nitrogen                                                                                                                              |
| Cell morphology            | Epithelial-like, adherent                                                                                                                                                 |
| Passage ratio              | 1:3~1:4                                                                                                                                                                   |
| species                    | Human                                                                                                                                                                     |
| Gene                       | RAP2A                                                                                                                                                                     |
| Gene ID                    | 5911                                                                                                                                                                      |
| Build method               | Electroporation/Lentivirus                                                                                                                                                |
| Mycoplasma testing         | negative                                                                                                                                                                  |
| Cultivation system         | 90% DMEM+10% FBS                                                                                                                                                          |
| Price (USD)                | Inquiry                                                                                                                                                                   |
| Parental Cell Line         | BEAS-2B                                                                                                                                                                   |
| Quality Control            | Genotype: RAP2A Knockout cell line (BEAS-2B)>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 | RAP2A, member of RAS oncogene familyprovided by HGNC                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Also known as           | KREV; RAP2; K-REV; RbBP-30                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Description        | Enables GTPase activity; guanyl ribonucleotide binding activity; and magnesium ion binding activity. Involved in several processes, including microvillus assembly; positive regulation of protein autophosphorylation; and regulation of dendrite morphogenesis. Acts upstream of or within establishment of protein localization. Located in plasma membrane and recycling endosome membrane. Is active in Schaffer collateral - CA1 synapse. [provided by Alliance of Genome Resources, Apr 2025] |
| Expression              | Ubiquitous expression in brain (RPKM 41.0), placenta (RPKM 14.5) and 23 other tissues See more                                                                                                                                                                                                                                                                                                                                                                                                       |