

## APIP Knockout cell line (HEK293)

Catalog Number: KO23109

| Product Information        |                                                                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | APIP Knockout cell line (HEK293)                                                                                                                                          |
| specification              | 1*10 <sup>6</sup>                                                                                                                                                         |
| Storage and transportation | Dry ice preservation/T25 live cell transportation.                                                                                                                        |
| Cell morphology            | Epithelioid, adherent cell                                                                                                                                                |
| Passage ratio              | 1:3~1:6                                                                                                                                                                   |
| species                    | Human                                                                                                                                                                     |
| Gene                       | APIP                                                                                                                                                                      |
| Gene ID                    | 51074                                                                                                                                                                     |
| Build method               | Electric rotation method / virus method                                                                                                                                   |
| Mycoplasma testing         | Negative                                                                                                                                                                  |
| Cultivation system         | 90%DMEM+10% FBS                                                                                                                                                           |
| Parental Cell Line         | HEK293                                                                                                                                                                    |
| Quality Control            | Genotype: APIP Knockout cell line (HEK293) >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 | APAF1 interacting proteinprovided by HGNC                                                                                                                                                                                                                                                                                                                             |
| Also known as           | APIP2; CGI29; hAPIP; CGI-29; MMRP19                                                                                                                                                                                                                                                                                                                                   |
| Gene Description        | Enables identical protein binding activity; methylthioribulose 1-phosphate dehydratase activity; and zinc ion binding activity. Involved in several processes, including L-methionine salvage from methylthioadenosine; protein homotetramerization; and pyroptotic inflammatory response. Located in cytoplasm. [provided by Alliance of Genome Resources, Apr 2025] |
| Expression              | Ubiquitous expression in fat (RPKM 15.7), adrenal (RPKM 13.7) and 25 other tissues See more                                                                                                                                                                                                                                                                           |