

## ATP5IF1 Knockout cell line (HeLa)

Catalog Number: KO01793

| Product Information        |                                                                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | ATP5IF1 Knockout cell line (HeLa)                                                                                                                                          |
| 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                       | ATP5IF1                                                                                                                                                                    |
| Gene ID                    | 93974                                                                                                                                                                      |
| Build method               | Electric rotation method / virus method                                                                                                                                    |
| Mycoplasma testing         | Negative                                                                                                                                                                   |
| Cultivation system         | 90%DMEM+10% FBS                                                                                                                                                            |
| Parental Cell Line         | HeLa                                                                                                                                                                       |
| Quality Control            | Genotype: ATP5IF1 Knockout cell line (HeLa) >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 | ATP synthase inhibitory factor subunit 1provided by HGNC                                                                                                                                                                                                                                                                                                                                                                                             |
| Also known as           | IP; ATP1; ATP1P; ATP1F1                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Description        | Enables several functions, including ATPase binding activity; angiostatin binding activity; and mitochondrial proton-transporting ATP synthase complex binding activity. Involved in several processes, including mitochondrial depolarization; negative regulation of endothelial cell proliferation; and positive regulation of metabolic process. Located in cell surface and mitochondrion. [provided by Alliance of Genome Resources, Apr 2025] |
| Expression              | Ubiquitous expression in kidney (RPKM 44.4), colon (RPKM 33.7) and 25 other tissues See more                                                                                                                                                                                                                                                                                                                                                         |