

## MOV10 Knockout cell line (A549)

**Catalog Number:** KO03220

| Product Information        |                                                                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | MOV10 Knockout cell line (A549)                                                                                                                                          |
| specification              | 1*10^6                                                                                                                                                                   |
| Storage and transportation | Dry ice preservation/T25 live cell transportation.                                                                                                                       |
| Cell morphology            | Epithelioid, adherent cell                                                                                                                                               |
| Passage ratio              | 1:3~1:4                                                                                                                                                                  |
| species                    | Human                                                                                                                                                                    |
| Gene                       | MOV10                                                                                                                                                                    |
| Gene ID                    | 4343                                                                                                                                                                     |
| Build method               | Electric rotation method / virus method                                                                                                                                  |
| Mycoplasma testing         | Negative                                                                                                                                                                 |
| Cultivation system         | 90% F12K+10% FBS                                                                                                                                                         |
| Parental Cell Line         | A549                                                                                                                                                                     |
| Quality Control            | Genotype: MOV10 Knockout cell line (A549) >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 | Mov10 RNA helicase provided by HGNC                                                                                                                                                                                                           |
| Also known as           | gb110; fSAP113                                                                                                                                                                                                                                |
| Gene Description        | Enables 5'-3' RNA helicase activity and RNA binding activity. Involved in defense response to virus and mRNA destabilization. Located in P-body and cytosol. Implicated in hypertension. [provided by Alliance of Genome Resources, Apr 2025] |
| Expression              | Ubiquitous expression in placenta (RPKM 19.5), small intestine (RPKM 18.6) and 25 other tissues<br><a href="#">See more</a>                                                                                                                   |