

## MIOS Knockout cell line (HEK293)

Catalog Number: KO09193

| Product Information        |   |
|----------------------------|---|
| Product Name               | MIOS 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                       | MIOS  |
| Gene ID                    | 54468   |
| Build method               | Electric rotation method / virus method   |
| Mycoplasma testing         | Negative  |
| Cultivation system         | 90%DMEM+10% FBS   |
| Parental Cell Line         | HEK293  |
| Quality Control            | Genotype: MIOS 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 | meiosis regulator for oocyte development provided by HGNC   |
| Also known as           | MIO; Sea4; Yulink   |
| Gene Description        | Predicted to enable metal ion binding activity. Involved in cellular response to amino acid starvation; positive regulation of TORC1 signaling; and protein-containing complex localization. Located in several cellular components, including cytosol; lysosomal membrane; and nucleoplasm. Part of GATOR2 complex. [provided by Alliance of Genome Resources, Apr 2025] |
| Expression              | Ubiquitous expression in prostate (RPKM 7.9), testis (RPKM 7.5) and 25 other tissues See more   |