

## SRRM2 Knockout cell line (A549)

Catalog Number: KO04893

| Product Information        |                                                                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | SRRM2 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                       | SRRM2                                                                                                                                                                    |
| Gene ID                    | 23524                                                                                                                                                                    |
| Build method               | Electric rotation method / virus method                                                                                                                                  |
| Mycoplasma testing         | Negative                                                                                                                                                                 |
| Cultivation system         | 90% F12K+10% FBS                                                                                                                                                         |
| Parental Cell Line         | A549                                                                                                                                                                     |
| Quality Control            | Genotype: SRRM2 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        |                                                                                                                                                                                                                                                                                                                                                                                        |
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| Gene Official Full Name | serine/arginine repetitive matrix 2provided by HGNC                                                                                                                                                                                                                                                                                                                                    |
| Also known as           | CWF21; Cwc21; MRD72; 300-KD; SRL300; SRm300; HSPC075                                                                                                                                                                                                                                                                                                                                   |
| Gene Description        | Enables C2H2 zinc finger domain binding activity. Involved in mRNA splicing, via spliceosome. Located in Cajal body and nuclear speck. Part of U2-type catalytic step 2 spliceosome and U2-type precatalytic spliceosome. Implicated in autosomal dominant intellectual developmental disorder. Biomarker of Parkinson's disease. [provided by Alliance of Genome Resources, Apr 2025] |
| Expression              | Ubiquitous expression in spleen (RPKM 88.4), bone marrow (RPKM 86.9) and 25 other tissues See more                                                                                                                                                                                                                                                                                     |