

## ZFPM2 Knockout cell line (HEK293)

Catalog Number: KO29318

| Product Information        |                                                                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | ZFPM2 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                       | ZFPM2                                                                                                                                                                      |
| Gene ID                    | 23414                                                                                                                                                                      |
| Build method               | Electric rotation method / virus method                                                                                                                                    |
| Mycoplasma testing         | Negative                                                                                                                                                                   |
| Cultivation system         | 90%DMEM+10% FBS                                                                                                                                                            |
| Parental Cell Line         | HEK293                                                                                                                                                                     |
| Quality Control            | Genotype: ZFPM2 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        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| Gene Official Full Name | zinc finger protein, FOG family member 2provided by HGNC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Also known as           | DIH3; FOG2; SRXY9; ZNF89B; hFOG-2; ZC2HC11B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Description        | The zinc finger protein encoded by this gene is a widely expressed member of the FOG family of transcription factors. The family members modulate the activity of GATA family proteins, which are important regulators of hematopoiesis and cardiogenesis in mammals. It has been demonstrated that the protein can both activate and down-regulate expression of GATA-target genes, suggesting different modulation in different promoter contexts. A related mRNA suggests an alternatively spliced product but this information is not yet fully supported by the sequence. [provided by RefSeq, Jul 2008] |
| Expression              | Broad expression in ovary (RPKM 10.1), endometrium (RPKM 2.6) and 16 other tissues See more                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |