

## PAX9 Knockout cell line (HeLa)

**Catalog Number:** KO36216

### Product Information

|                            |                                                                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | PAX9 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                       | PAX9                                                                                                                                                                    |
| Gene ID                    | 5083                                                                                                                                                                    |
| Build method               | Electric rotation method / virus method                                                                                                                                 |
| Mycoplasma testing         | Negative                                                                                                                                                                |
| Cultivation system         | 90%DMEM+10% FBS                                                                                                                                                         |
| Parental Cell Line         | HeLa                                                                                                                                                                    |
| Quality Control            | Genotype: PAX9 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

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|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Official Full Name | paired box 9provided by HGNC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Also known as           | STHAG3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Description        | <p>This gene is a member of the paired box (PAX) family of transcription factors. Members of this gene family typically contain a paired box domain, an octapeptide, and a paired-type homeodomain. These genes play critical roles during fetal development and cancer growth. Mice lacking this gene exhibit impaired development of organs, musculature and the skeleton, including absent and abnormally developed teeth, and neonatal lethality. Mutations in the human gene are associated with selective tooth agenesis-3. [provided by RefSeq, Sep 2015]</p> |
| Expression              | Biased expression in esophagus (RPKM 29.7), salivary gland (RPKM 11.4) and 1 other tissue See more                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |