

## PGBD1 Knockout cell line (293T)

**Catalog Number:** KOA00252

| Product Information        |                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | PGBD1 Knockout cell line (293T)                                                                                                                                        |
| specification              | 1*10 <sup>6</sup>                                                                                                                                                      |
| Storage and transportation | Shipped on dry ice; Store in liquid nitrogen                                                                                                                           |
| Cell morphology            | Epithelial-like, adherent                                                                                                                                              |
| Passage ratio              | 1:3~1:6                                                                                                                                                                |
| species                    | Human                                                                                                                                                                  |
| Gene                       | PGBD1                                                                                                                                                                  |
| Gene ID                    | 84547                                                                                                                                                                  |
| Build method               | Electroporation/Lentivirus                                                                                                                                             |
| Mycoplasma testing         | negative                                                                                                                                                               |
| Cultivation system         | 90% DMEM+10%FBS                                                                                                                                                        |
| Price (USD)                | Inquiry                                                                                                                                                                |
| Parental Cell Line         | 293T                                                                                                                                                                   |
| Quality Control            | Genotype: PGBD1 Knockout cell line (293T)>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 | piggyBac transposable element derived 1provided by HGNC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Also known as           | SCAND4; HUCEP-4; dJ874C20.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Description        | The piggyBac family of proteins, found in diverse animals, are transposases related to the transposase of the canonical piggyBac transposon from the moth, <i>Trichoplusia ni</i> . This family also includes genes in several genomes, including human, that appear to have been derived from the piggyBac transposons. This gene belongs to the subfamily of piggyBac transposable element derived (PGBD) genes. The PGBD proteins appear to be novel, with no obvious relationship to other transposases, or other known protein families. This gene product is specifically expressed in the brain, however, its exact function is not known. Alternative splicing results in multiple transcript variants encoding the same protein.[provided by RefSeq, May 2010] |
| Expression              | Ubiquitous expression in brain (RPKM 2.1), endometrium (RPKM 1.7) and 25 other tissues See more                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

