

PRKCI Knockout cell line (BEAS-2B)

Catalog Number: KOA29587

| Product Information | |
|----------------------------|--|
| Product Name | PRKCI Knockout cell line (BEAS-2B) |
| specification | 1*10 ⁶ |
| Storage and transportation | Shipped on dry ice; Store in liquid nitrogen |
| Cell morphology | Epithelial-like, adherent |
| Passage ratio | 1:3~1:4 |
| species | Human |
| Gene | PRKCI |
| Gene ID | 5584 |
| Build method | Electroporation/Lentivirus |
| Mycoplasma testing | negative |
| Cultivation system | 90% DMEM+10% FBS |
| Price (USD) | Inquiry |
| Parental Cell Line | BEAS-2B |
| Quality Control | Genotype: PRKCI Knockout cell line (BEAS-2B)>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 | protein kinase C iota provided by HGNC |
| Also known as | PKCI; DXS1179E; nPKC-iota |
| Gene Description | <p>This gene encodes a member of the protein kinase C (PKC) family of serine/threonine protein kinases. The PKC family comprises at least eight members, which are differentially expressed and are involved in a wide variety of cellular processes. This protein kinase is calcium-independent and phospholipid-dependent. It is not activated by phorbol esters or diacylglycerol. This kinase can be recruited to vesicle tubular clusters (VTCs) by direct interaction with the small GTPase RAB2, where this kinase phosphorylates glyceraldehyde-3-phosphate dehydrogenase (GAPD/GAPDH) and plays a role in microtubule dynamics in the early secretory pathway. This kinase is found to be necessary for BCL-ABL-mediated resistance to drug-induced apoptosis and therefore protects leukemia cells against drug-induced apoptosis. There is a single exon pseudogene mapped on chromosome X. [provided by RefSeq, Jul 2008]</p> |

| | |
|------------|---|
| Expression | Ubiquitous expression in stomach (RPKM 19.1), thyroid (RPKM 17.9) and 24 other tissues See more |
|------------|---|