

CAMK2G Knockout cell line (A549)

Catalog Number: KO11822

| Product Information | |
|----------------------------|---|
| Product Name | CAMK2G 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 | CAMK2G |
| Gene ID | 818 |
| Build method | Electric rotation method / virus method |
| Mycoplasma testing | Negative |
| Cultivation system | 90% F12K+10% FBS |
| Parental Cell Line | A549 |
| Quality Control | Genotype: CAMK2G 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 | |
|-------------------------|--|
| Gene Official Full Name | calcium/calmodulin dependent protein kinase II gamma provided by HGNC |
| Also known as | CAMK; CAMKG; MRD59; CAMK-II |
| Gene Description | The product of this gene is one of the four subunits of an enzyme which belongs to the serine/threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. Calcium signaling is crucial for several aspects of plasticity at glutamatergic synapses. In mammalian cells the enzyme is composed of four different chains: alpha, beta, gamma, and delta. The product of this gene is a gamma chain. Many alternatively spliced transcripts encoding different isoforms have been described but the full-length nature of all the variants has not been determined.[provided by RefSeq, Mar 2011] |
| Expression | Ubiquitous expression in brain (RPKM 28.7), prostate (RPKM 10.9) and 24 other tissues See more |