

## BRSK2 Knockout cell line (TPC-1)

**Catalog Number:** KOA58719

Product Information	
Product Name	BRSK2 Knockout cell line (TPC-1)
specification	1*10 <sup>6</sup>
Storage and transportation	Shipped on dry ice; Store in liquid nitrogen
Cell morphology	Epithelial-like, adherent
Passage ratio	1:5-1:8
species	Human
Gene	BRSK2
Gene ID	9024
Build method	Electroporation/Lentivirus
Mycoplasma testing	negative
Cultivation system	90%DMEM+10%FBS
Price (USD)	Inquiry
Parental Cell Line	TPC-1
Quality Control	Genotype: BRSK2 Knockout cell line (TPC-1)>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	BR serine/threonine kinase 2provided by HGNC
Also known as	SAD1; SADA; SAD-A; STK29; PEN11B; C11orf7
Gene Description	Enables several functions, including ATP binding activity; ATPase binding activity; and magnesium ion binding activity. Involved in several processes, including G2/M transition of mitotic cell cycle; intrinsic apoptotic signaling pathway in response to endoplasmic reticulum stress; and regulation of insulin secretion involved in cellular response to glucose stimulus. Located in centrosome and endoplasmic reticulum. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Biased expression in brain (RPKM 8.8), pancreas (RPKM 3.6) and 2 other tissues See more