

## RAPGEF4 Knockout cell line (TPC-1)

**Catalog Number:** KOA57451

Product Information	
Product Name	RAPGEF4 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	RAPGEF4
Gene ID	11069
Build method	Electroporation/Lentivirus
Mycoplasma testing	negative
Cultivation system	90%DMEM+10%FBS
Price (USD)	Inquiry
Parental Cell Line	TPC-1
Quality Control	Genotype: RAPGEF4 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	Rap guanine nucleotide exchange factor 4provided by HGNC
Also known as	EPAC; CGEF2; EPAC2; EPAC 2; Nbla00496; CAMP-GEFII
Gene Description	Enables guanyl-nucleotide exchange factor activity. Predicted to be involved in Ras protein signal transduction; regulation of neurotransmitter receptor localization to postsynaptic specialization membrane; and regulation of postsynapse organization. Predicted to act upstream of or within with a positive effect on hormone secretion. Predicted to act upstream of or within adenylate cyclase-activating G protein-coupled receptor signaling pathway; regulation of exocytosis; and secretion by cell. Predicted to be located in membrane. Predicted to be active in several cellular components, including glutamatergic synapse; hippocampal mossy fiber to CA3 synapse; and postsynaptic density. Implicated in autistic disorder. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Biased expression in brain (RPKM 37.0), adrenal (RPKM 17.3) and 12 other tissues See more

