

IQSEC1 Knockout cell line (HEK293)

Catalog Number: KO32514

Product Information	
Product Name	IQSEC1 Knockout cell line (HEK293)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:6
species	Human
Gene	IQSEC1
Gene ID	9922
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%DMEM+10% FBS
Parental Cell Line	HEK293
Quality Control	Genotype: IQSEC1 Knockout cell line (HEK293) >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	IQ motif and Sec7 domain ArfGEF 1provided by HGNC
Also known as	BRAG2; GEP100; IDDSSBA; ARFGEP100; ARF-GEP100
Gene Description	Predicted to enable protein kinase binding activity. Predicted to be involved in several processes, including positive regulation of focal adhesion disassembly; positive regulation of keratinocyte migration; and regulation of postsynaptic neurotransmitter receptor internalization. Located in nucleolus. Implicated in intellectual developmental disorder with short stature and behavioral abnormalities and lung adenocarcinoma. Biomarker of lung non-small cell carcinoma. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Ubiquitous expression in brain (RPKM 17.9), bone marrow (RPKM 13.3) and 25 other tissues See more