

IQSEC2 Knockout cell line (HEK293)

Catalog Number: KO29870

Product Information	
Product Name	IQSEC2 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	IQSEC2
Gene ID	23096
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%DMEM+10% FBS
Parental Cell Line	HEK293
Quality Control	Genotype: IQSEC2 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 2provided by HGNC
Also known as	MRX1; BRAG1; MRX18; MRX78; XLID1; IQ-ArfGEF
Gene Description	This gene encodes a guanine nucleotide exchange factor for the ARF family of small GTP-binding proteins. The encoded protein is a component of the postsynaptic density at excitatory synapses, and may play a critical role in cytoskeletal and synaptic organization through the activation of selected ARF substrates including ARF1 and ARF6. Mutations in this gene have been implicated in nonsyndromic X-linked cognitive disability. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Aug 2011]
Expression	Ubiquitous expression in brain (RPKM 5.1), adrenal (RPKM 1.4) and 23 other tissues See more