

DDHD1 Knockout cell line (293T)

Catalog Number: KOA00737

Product Information	
Product Name	DDHD1 Knockout cell line (293T)
specification	1*10 ⁶
Storage and transportation	Shipped on dry ice; Store in liquid nitrogen
Cell morphology	Epithelial-like, adherent
Passage ratio	1:3~1:6
species	Human
Gene	DDHD1
Gene ID	80821
Build method	Electroporation/Lentivirus
Mycoplasma testing	negative
Cultivation system	90% DMEM+10%FBS
Price (USD)	Inquiry
Parental Cell Line	293T
Quality Control	Genotype: DDHD1 Knockout cell line (293T)>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	DDHD domain containing 1 provided by HGNC
Also known as	SPG28; PAPLA1; iPLA1I; PA-PLA1; iPLA1alpha
Gene Description	<p>This gene is a member of the intracellular phospholipase A1 gene family. The protein encoded by this gene preferentially hydrolyzes phosphatidic acid. It is a cytosolic protein with some mitochondrial localization, and is thought to be involved in the regulation of mitochondrial dynamics. Overexpression of this gene causes fragmentation of the tubular structures in mitochondria, while depletion of the gene results in mitochondrial tubule elongation. Deletion of this gene in male mice caused fertility defects, resulting from disruption in the organization of the mitochondria during spermiogenesis. In humans, mutations in this gene have been associated with hereditary spastic paraplegia (HSP), also known as Strumpell-Lorrain disease, or, familial spastic paraparesis (FSP). This inherited disorder is characterized by progressive weakness and spasticity of the legs. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by</p>

	RefSeq, Aug 2015]
Expression	Broad expression in testis (RPKM 6.6), lymph node (RPKM 2.8) and 24 other tissues See more