

FARS2 Knockout cell line (HEK293)

Catalog Number: KO31635

Product Information	
Product Name	FARS2 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	FARS2
Gene ID	10667
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%DMEM+10% FBS
Parental Cell Line	HEK293
Quality Control	Genotype: FARS2 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	phenylalanyl-tRNA synthetase 2, mitochondrial provided by HGNC
Also known as	FARS1; PheRS; SPG77; COXPD14; HSPC320; mtPheRS
Gene Description	This gene encodes a protein that transfers phenylalanine to its cognate tRNA. This protein localizes to the mitochondrion and plays a role in mitochondrial protein translation. Mutations in this gene can cause combined oxidative phosphorylation deficiency 14 (Alpers encephalopathy). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]
Expression	Ubiquitous expression in thyroid (RPKM 1.7), testis (RPKM 1.6) and 25 other tissues See more