

SGPL1 Knockout cell line (HEK293)

Catalog Number: KO07608

Product Information	
Product Name	SGPL1 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	SGPL1
Gene ID	8879
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%DMEM+10% FBS
Parental Cell Line	HEK293
Quality Control	Genotype: SGPL1 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	sphingosine-1-phosphate lyase 1 provided by HGNC
Also known as	SPL; RENI; S1PL; NPHS14
Gene Description	Enables sphinganine-1-phosphate aldolase activity. Involved in apoptotic signaling pathway; fatty acid metabolic process; and sphingolipid metabolic process. Located in endoplasmic reticulum. Implicated in nephrotic syndrome type 14. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Ubiquitous expression in urinary bladder (RPKM 14.9), skin (RPKM 13.8) and 25 other tissues See more