

HSD3B7 Knockout cell line (HeLa)

Catalog Number: KO04859

Product Information	
Product Name	HSD3B7 Knockout cell line (HeLa)
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	HSD3B7
Gene ID	80270
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%DMEM+10% FBS
Parental Cell Line	HeLa
Quality Control	Genotype: HSD3B7 Knockout cell line (HeLa) >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	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 7provided by HGNC
Also known as	CBAS1; PFIC4; SDR11E3
Gene Description	This gene encodes an enzyme which is involved in the initial stages of the synthesis of bile acids from cholesterol and a member of the short-chain dehydrogenase/reductase superfamily. The encoded protein is a membrane-associated endoplasmic reticulum protein which is active against 7-alpha hydroxylated sterol substrates. Mutations in this gene are associated with a congenital bile acid synthesis defect which leads to neonatal cholestasis, a form of progressive liver disease. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008]
Expression	Ubiquitous expression in liver (RPKM 10.0), kidney (RPKM 6.4) and 25 other tissues See more