CES1 Knockout cell line (THP-1)

Catalog Number: KO00771

Product Information	
Product Name	CES1 Knockout cell line (THP-1)
specification	1*10^6
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Monocytes, suspended growth
Passage ratio	1 : 2-1 : 4
species	Human
Gene	CES1
Gene ID	1066
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%RPMI-1640+10%FBS
Parental Cell Line	THP-1
Quality Control	Genotype: CES1 Knockout cell line (THP-1) >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	carboxylesterase 1provided by HGNC
Also known as	CEH; REH; TGH; ACAT; CE-1; CES2; HMSE; SES1; HMSE1; PCE-1; hCE-1
Gene Description	This gene encodes a member of the carboxylesterase large family. The family members are responsible for the hydrolysis or transesterification of various xenobiotics, such as cocaine and heroin, and endogenous substrates with ester, thioester, or amide bonds. They may participate in fatty acyl and cholesterol ester metabolism, and may play a role in the blood-brain barrier system. This enzyme is the major liver enzyme and functions in liver drug clearance. Mutations of this gene cause carboxylesterase 1 deficiency. Three transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq, Jun 2010]
Expression	Biased expression in liver (RPKM 737.7), gall bladder (RPKM 239.9) and 3 other tissues See more