

AKR1A1 Knockout cell line (A549)

Catalog Number: KO05280

Product Information	
Product Name	AKR1A1 Knockout cell line (A549)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:4
species	Human
Gene	AKR1A1
Gene ID	10327
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: AKR1A1 Knockout cell line (A549) >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	aldo-keto reductase family 1 member A1 provided by HGNC
Also known as	ALR; ARM; DD3; ALDR1; HEL-S-6
Gene Description	This gene encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. This member, also known as aldehyde reductase, is involved in the reduction of biogenic and xenobiotic aldehydes and is present in virtually every tissue. Multiple alternatively spliced transcript variants of this gene exist, all encoding the same protein. [provided by RefSeq, Jan 2011]
Expression	Ubiquitous expression in kidney (RPKM 113.8), duodenum (RPKM 66.6) and 25 other tissues See more