

OXR1 Knockout cell line (A549)

Catalog Number: KO15415

Product Information	
Product Name	OXR1 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	OXR1
Gene ID	55074
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: OXR1 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	oxidation resistance 1 provided by HGNC
Also known as	TLDC3; CHEGDD; Nbla00307
Gene Description	Predicted to enable oxidoreductase activity. Predicted to be involved in response to oxidative stress. Predicted to act upstream of or within several processes, including adult walking behavior; negative regulation of cellular response to oxidative stress; and negative regulation of peptidyl-cysteine S-nitrosylation. Located in mitochondrion. Implicated in cerebellar hypoplasia/atrophy, epilepsy, and global developmental delay. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Ubiquitous expression in brain (RPKM 30.5), testis (RPKM 21.8) and 24 other tissues See more