

MTDH Knockout cell line (A549)

Catalog Number: KO03503

Product Information	
Product Name	MTDH 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	MTDH
Gene ID	92140
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: MTDH 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	metadherin provided by HGNC
Also known as	3D3; AEG1; AEG-1; LYRIC; LYRIC/3D3
Gene Description	Enables NF-kappaB binding activity; double-stranded RNA binding activity; and transcription coactivator activity. Involved in several processes, including lipopolysaccharide-mediated signaling pathway; positive regulation of intracellular signal transduction; and regulation of DNA-templated transcription. Located in endoplasmic reticulum; nuclear lumen; and perinuclear region of cytoplasm. Implicated in hepatocellular carcinoma. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Ubiquitous expression in thyroid (RPKM 24.7), bone marrow (RPKM 21.0) and 25 other tissues See more