

## TRA Knockout cell line (A549)

Catalog Number: KO35078

Product Information	
Product Name	TRA Knockout cell line (A549)
specification	1*10 <sup>6</sup>
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:4
species	Human
Gene	TRA
Gene ID	6955
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: TRA 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	T cell receptor alpha locus provided by HGNC
Also known as	IMD7; TCRA; TRA@
Gene Description	Enables signaling receptor activity. Contributes to peptide antigen binding activity. Involved in T cell activation involved in immune response; T cell mediated cytotoxicity directed against tumor cell target; and detection of tumor cell. Located in cell surface. Part of alpha-beta T cell receptor complex. [provided by Alliance of Genome Resources, Apr 2025]