

ACTN1 Knockout cell line(293T)

Catalog Number: KO00632

Product Information	
Product Name	ACTN1 Knockout cell line(293T)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:6
species	Human
Gene	ACTN1
Gene ID	87
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% DMEM+10%FBS
Parental Cell Line	293T
Quality Control	Genotype: ACTN1 Knockout cell line(293T) >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	actinin alpha 1provided by HGNC
Also known as	BDPLT15
Gene Description	Alpha actinins belong to the spectrin gene superfamily which represents a diverse group of cytoskeletal proteins, including the alpha and beta spectrins and dystrophins. Alpha actinin is an actin-binding protein with multiple roles in different cell types. In nonmuscle cells, the cytoskeletal isoform is found along microfilament bundles and adherens-type junctions, where it is involved in binding actin to the membrane. In contrast, skeletal, cardiac, and smooth muscle isoforms are localized to the Z-disc and analogous dense bodies, where they help anchor the myofibrillar actin filaments. This gene encodes a nonmuscle, cytoskeletal, alpha actinin isoform and maps to the same site as the structurally similar erythroid beta spectrin gene. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Expression	Ubiquitous expression in endometrium (RPKM 77.5), urinary bladder (RPKM 66.3) and 24 other tissues See more

