

NCAPD3 Knockout cell line (HEK293)

Catalog Number: KO01737

Product Information	
Product Name	NCAPD3 Knockout cell line (HEK293)
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	NCAPD3
Gene ID	23310
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%DMEM+10% FBS
Parental Cell Line	HEK293
Quality Control	Genotype: NCAPD3 Knockout cell line (HEK293) >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	non-SMC condensin II complex subunit D3provided by HGNC
Also known as	CAPD3; hcp-6; CAP-D3; MCPH22; hHCP-6; hCAP-D3
Gene Description	Condensin complexes I and II play essential roles in mitotic chromosome assembly and segregation. Both condensins contain 2 invariant structural maintenance of chromosome (SMC) subunits, SMC2 (MIM 605576) and SMC4 (MIM 605575), but they contain different sets of non-SMC subunits. NCAPD3 is 1 of 3 non-SMC subunits that define condensin II (Ono et al., 2003 [PubMed 14532007]).[supplied by OMIM, Mar 2008]
Expression	Broad expression in prostate (RPKM 42.0), bone marrow (RPKM 7.1) and 20 other tissues See more