

## NKX6-1 Knockout cell line (HCT 116)

**Catalog Number:** KO36338

Product Information	
Product Name	NKX6-1 Knockout cell line (HCT 116)
specification	1*10 <sup>6</sup>
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:2~1:4
species	Human
Gene	NKX6-1
Gene ID	4825
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%McCOYs 5A+10% FBS
Parental Cell Line	HCT 116
Quality Control	Genotype: NKX6-1 Knockout cell line (HCT 116) >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	NK6 homeobox 1 provided by HGNC
Also known as	NKX6A; NKX6.1
Gene Description	In the pancreas, NKX6.1 is required for the development of beta cells and is a potent bifunctional transcription regulator that binds to AT-rich sequences within the promoter region of target genes lype et al. (2004) [PubMed 15056733]. [supplied by OMIM, Mar 2008]
Expression	Biased expression in esophagus (RPKM 3.3), thyroid (RPKM 0.9) and 4 other tissues See more