

MLLT3 Knockout cell line (HCT 116)

Catalog Number: KO02876

Product Information	
Product Name	MLLT3 Knockout cell line (HCT 116)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:2~1:4
species	Human
Gene	MLLT3
Gene ID	4300
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: MLLT3 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	MLLT3 super elongation complex subunit provided by HGNC
Also known as	AF9; YEATS3
Gene Description	Enables chromatin binding activity; lysine-acetylated histone binding activity; and molecular adaptor activity. Involved in several processes, including hematopoietic stem cell differentiation; positive regulation of DNA-templated transcription; and regulation of stem cell division. Acts upstream of or within negative regulation of canonical Wnt signaling pathway and positive regulation of Wnt signaling pathway, planar cell polarity pathway. Located in cytosol and nucleoplasm. Part of transcription elongation factor complex. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Ubiquitous expression in thyroid (RPKM 6.2), colon (RPKM 4.6) and 23 other tissues See more