

TET2 Knockout cell line (THP-1)

Catalog Number: KO00770

Product Information	
Product Name	TET2 Knockout cell line (THP-1)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Monocytes, suspended growth
Passage ratio	1 : 2-1 : 4
species	Human
Gene	TET2
Gene ID	54790
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%RPMI-1640+10%FBS
Parental Cell Line	THP-1
Quality Control	Genotype: TET2 Knockout cell line (THP-1) >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	tet methylcytosine dioxygenase 2provided by HGNC
Also known as	MDS; IMD75; KIAA1546
Gene Description	The protein encoded by this gene is a methylcytosine dioxygenase that catalyzes the conversion of methylcytosine to 5-hydroxymethylcytosine. The encoded protein is involved in myelopoiesis, and defects in this gene have been associated with several myeloproliferative disorders. Two variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2011]
Expression	Ubiquitous expression in bone marrow (RPKM 5.5), appendix (RPKM 4.6) and 25 other tissues See more