

ETHE1 Knockout cell line (HT-29)

Catalog Number: KO00035

Product Information	
Product Name	ETHE1 Knockout cell line (HT-29)
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	ETHE1
Gene ID	23474
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%McCOYs 5A+10% FBS
Parental Cell Line	HT-29
Quality Control	Genotype: ETHE1 Knockout cell line (HT-29) >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	ETHE1 persulfide dioxygenaseprovided by HGNC
Also known as	HSCO; YF13H12
Gene Description	This gene encodes a member of the metallo beta-lactamase family of iron-containing proteins involved in the mitochondrial sulfide oxidation pathway. The encoded protein catalyzes the oxidation of a persulfide substrate to sulfite. Certain mutations in this gene cause ethylmalonic encephalopathy, an infantile metabolic disorder affecting the brain, gastrointestinal tract and peripheral vessels. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2016]
Expression	Broad expression in colon (RPKM 85.9), duodenum (RPKM 30.9) and 20 other tissues See more