

PMS1 Knockout cell line □ U-2 OS □

Catalog Number: KO00002

Product Information

Product Name	PMS1 Knockout cell line (U-2 OS)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:5
species	Human
Gene	PMS1
Gene ID	5378
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% McCoy's 5A+10%FBS
Parental Cell Line	U-2 OS
Quality Control	Genotype: PMS1 Knockout cell line (U-2 OS) >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	PMS1 homolog 1, mismatch repair system component provided by HGNC
Also known as	MLH2; PMSL1; hPMS1; HNPCC3
Gene Description	This gene encodes a protein belonging to the DNA mismatch repair mutL/hexB family. This protein is thought to be involved in the repair of DNA mismatches, and it can form heterodimers with MLH1, a known DNA mismatch repair protein. Mutations in this gene cause hereditary nonpolyposis colorectal cancer type 3 (HNPCC3) either alone or in combination with mutations in other genes involved in the HNPCC phenotype, which is also known as Lynch syndrome. [provided by RefSeq, Jul 2008]
Expression	Ubiquitous expression in testis (RPKM 8.3), endometrium (RPKM 3.7) and 24 other tissues See more