

POT1 Knockout cell line (NCM460)

Catalog Number: KOA72045

Product Information	
Product Name	POT1 Knockout cell line (NCM460)
specification	1*10^6
Storage and transportation	Shipped on dry ice; Store in liquid nitrogen
Cell morphology	Epithelial-like, adheren
Passage ratio	1:2~1:3
species	Human
Gene	POT1
Gene ID	25913
Build method	Electroporation/Lentivirus
Mycoplasma testing	negative
Cultivation system	90%RPMI-1640+10%FBS
Price (USD)	Inquiry
Parental Cell Line	NCM460
Quality Control	Genotype: POT1 Knockout cell line (NCM460)>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	protection of telomeres 1provided by HGNC
Also known as	GLM9; CMM10; HPOT1; TPDS3; CRMCC3; PFBMFT8
Gene Description	This gene is a member of the telombin family and encodes a nuclear protein involved in telomere maintenance. Specifically, this protein functions as a member of a multi-protein complex that binds to the TTAGGG repeats of telomeres, regulating telomere length and protecting chromosome ends from illegitimate recombination, catastrophic chromosome instability, and abnormal chromosome segregation. Increased transcriptional expression of this gene is associated with stomach carcinogenesis and its progression. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2008]
Expression	Ubiquitous expression in testis (RPKM 8.1), thyroid (RPKM 7.2) and 25 other tissues See more