

SERPINB1 Knockout cell line (A549)

Catalog Number: KO07366

Product Information	
Product Name	SERPINB1 Knockout cell line (A549)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:4
species	Human
Gene	SERPINB1
Gene ID	1992
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: SERPINB1 Knockout cell line (A549) >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	serpin family B member 1provided by HGNC
Also known as	EI; LEI; PI2; MNEI; PI-2; HEL57; M/NEI; ELANH2; HEL-S-27
Gene Description	The protein encoded by this gene is a member of the serpin family of proteinase inhibitors. Members of this family maintain homeostasis by neutralizing overexpressed proteinase activity through their function as suicide substrates. This protein inhibits the neutrophil-derived proteinases neutrophil elastase, cathepsin G, and proteinase-3 and thus protects tissues from damage at inflammatory sites. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]
Expression	Broad expression in esophagus (RPKM 214.3), bone marrow (RPKM 155.6) and 15 other tissues See more