

ENPP2 Knockout cell line(U-2932)

Catalog Number: KO00914

Product Information	
Product Name	ENPP2 Knockout cell line(U-2932)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Lymphoid, suspended growth
Passage ratio	1 : 2-1 : 4
species	Human
Gene	ENPP2
Gene ID	5168
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%RPMI-1640+10%FBS
Parental Cell Line	U-2932
Quality Control	Genotype: ENPP2 Knockout cell line(U-2932) >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	ectonucleotide pyrophosphatase/phosphodiesterase 2provided by HGNC
Also known as	ATX; NPP2; ATX-X; PDNP2; LysoPLD; AUTOTAXIN; PD-IALPHA
Gene Description	The protein encoded by this gene functions as both a phosphodiesterase, which cleaves phosphodiester bonds at the 5' end of oligonucleotides, and a phospholipase, which catalyzes production of lysophosphatidic acid (LPA) in extracellular fluids. LPA evokes growth factor-like responses including stimulation of cell proliferation and chemotaxis. This gene product stimulates the motility of tumor cells and has angiogenic properties, and its expression is upregulated in several kinds of carcinomas. The gene product is secreted and further processed to make the biologically active form. Several alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Aug 2008]
Expression	Broad expression in placenta (RPKM 83.1), brain (RPKM 52.1) and 18 other tissues See more