

## PRDX6 Knockout cell line (AC16)

**Catalog Number:** KOA12118

Product Information	
Product Name	PRDX6 Knockout cell line (AC16)
specification	1*10 <sup>6</sup>
Storage and transportation	Shipped on dry ice; Store in liquid nitrogen
Cell morphology	Fibroblast-like, adherent
Passage ratio	1 : 3-1 : 4
species	Human
Gene	PRDX6
Gene ID	9588
Build method	Electroporation/Lentivirus
Mycoplasma testing	negative
Cultivation system	90% DMEM/F12+10% FBS
Price (USD)	Inquiry
Parental Cell Line	AC16
Quality Control	Genotype: PRDX6 Knockout cell line (AC16)>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	peroxiredoxin 6 provided by HGNC
Also known as	PRX; p29; AOP2; 1-Cys; NSGPx; aiPLA2; LPCAT-5; HEL-S-128m
Gene Description	The protein encoded by this gene is a member of the thiol-specific antioxidant protein family. This protein is a bifunctional enzyme with two distinct active sites. It is involved in redox regulation of the cell; it can reduce H <sub>2</sub> O <sub>2</sub> and short chain organic, fatty acid, and phospholipid hydroperoxides. It may play a role in the regulation of phospholipid turnover as well as in protection against oxidative injury. [provided by RefSeq, Jul 2008]
Expression	Ubiquitous expression in fat (RPKM 236.1), liver (RPKM 127.7) and 25 other tissues See more