

## LONP2 Knockout cell line (293T)

**Catalog Number:** KOA00514

Product Information	
Product Name	LONP2 Knockout cell line (293T)
specification	1*10 <sup>6</sup>
Storage and transportation	Shipped on dry ice; Store in liquid nitrogen
Cell morphology	Epithelial-like, adherent
Passage ratio	1:3~1:6
species	Human
Gene	LONP2
Gene ID	83752
Build method	Electroporation/Lentivirus
Mycoplasma testing	negative
Cultivation system	90% DMEM+10%FBS
Price (USD)	Inquiry
Parental Cell Line	293T
Quality Control	Genotype: LONP2 Knockout cell line (293T)>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	Ion peptidase 2, peroxisomalprovided by HGNC
Also known as	LONP; PLON; LONPL; PSLON
Gene Description	In human, peroxisomes function primarily to catalyze fatty acid beta-oxidation and, as a by-product, produce hydrogen peroxide and superoxide. The protein encoded by this gene is an ATP-dependent protease that likely plays a role in maintaining overall peroxisome homeostasis as well as proteolytically degrading peroxisomal proteins damaged by oxidation. The protein has an N-terminal Lon N substrate recognition domain, an ATPase domain, a proteolytic domain, and, in some isoforms, a C-terminal peroxisome targeting sequence. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jan 2017]
Expression	Ubiquitous expression in thyroid (RPKM 23.1), liver (RPKM 21.0) and 25 other tissues See more