

PDXP Knockout cell line (HCT 116)

Catalog Number: KO20538

Product Information	
Product Name	PDXP Knockout cell line (HCT 116)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:2~1:4
species	Human
Gene	PDXP
Gene ID	57026
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%McCoy's 5A+10% FBS
Parental Cell Line	HCT 116
Quality Control	Genotype: PDXP Knockout cell line (HCT 116) >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	pyridoxal phosphatase provided by HGNC
Also known as	CIN; PLP; dJ37E16.5
Gene Description	Pyridoxal 5-prime-phosphate (PLP) is the active form of vitamin B6 that acts as a coenzyme in maintaining biochemical homeostasis. The preferred degradation route from PLP to 4-pyridoxic acid involves the dephosphorylation of PLP by PDXP (Jang et al., 2003 [PubMed 14522954]). [supplied by OMIM, Mar 2008]
Expression	Broad expression in brain (RPKM 43.8), small intestine (RPKM 14.2) and 21 other tissues See more