

## PIGW Knockout cell line (HCT 116)

Catalog Number: KO15129

Product Information	
Product Name	PIGW Knockout cell line (HCT 116)
specification	1*10 <sup>6</sup>
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:2~1:4
species	Human
Gene	PIGW
Gene ID	284098
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: PIGW 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	phosphatidylinositol glycan anchor biosynthesis class W provided by HGNC
Also known as	Gwt1; HPMRS5
Gene Description	The protein encoded by this gene is an inositol acyltransferase that acylates the inositol ring of phosphatidylinositol. This occurs in the endoplasmic reticulum and is a step in the biosynthesis of glycosylphosphatidylinositol (GPI), which anchors many cell surface proteins to the membrane. Defects in this gene are a cause of the age-dependent epileptic encephalopathy West syndrome as well as a syndrome exhibiting hyperphosphatasia and cognitive disability (HPMRS5). [provided by RefSeq, Jul 2017]
Expression	Ubiquitous expression in appendix (RPKM 3.2), esophagus (RPKM 2.7) and 25 other tissues See more