

GNPTG Knockout cell line (HCT 116)

Catalog Number: KO24794

Product Information	
Product Name	GNPTG 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	GNPTG
Gene ID	84572
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%McCOYs 5A+10% FBS
Parental Cell Line	HCT 116
Quality Control	Genotype: GNPTG 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	N-acetylglucosamine-1-phosphate transferase subunit gamma provided by HGNC
Also known as	RJD9; GNPTAG; LP2537; C16orf27
Gene Description	This gene encodes the gamma subunit of the N-acetylglucosamine-1-phosphotransferase complex. This hexameric complex, composed of alpha, beta and gamma subunits, catalyzes the first step in synthesis of a mannose 6-phosphate lysosomal recognition marker. This enzyme complex is necessary for targeting of lysosomal hydrolases to the lysosome. Mutations in the gene encoding the gamma subunit have been associated with mucopolidosis IIIC, also known as mucopolidosis III gamma. [provided by RefSeq, Feb 2010]
Expression	Ubiquitous expression in adrenal (RPKM 53.6), kidney (RPKM 34.3) and 25 other tissues See more