

GBA3 Knockout cell line (HeLa)

Catalog Number: KO17425

Product Information	
Product Name	GBA3 Knockout cell line (HeLa)
specification	1*10^6
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:6
species	Human
Gene	GBA3
Gene ID	57733
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%DMEM+10% FBS
Parental Cell Line	HeLa
Quality Control	Genotype: GBA3 Knockout cell line (HeLa) >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	glucosylceramidase beta 3 (gene/pseudogene)provided by HGNC
Also known as	CBG; GLUC; KLRP; CBGL1
Gene Description	The protein encoded by this gene is a cytosolic enzyme that can hydrolyze several types of glycosides. The enzyme has its highest activity at neutral pH and is predominantly expressed in human liver, kidney, intestine, and spleen. This gene is a polymorphic pseudogene, with the most common allele being the functional allele that encodes the full-length protein. Some individuals contain a single nucleotide polymorphism that results in a premature stop codon in the coding region, and therefore this allele is pseudogenic due to the failure to produce a functional full-length protein. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2022]
Expression	Biased expression in duodenum (RPKM 80.7), small intestine (RPKM 79.2) and 3 other tissues See more

