

OGA Knockout cell line (A549)

Catalog Number: KO06977

Product Information	
Product Name	OGA Knockout cell line (A549)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:4
species	Human
Gene	OGA
Gene ID	10724
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: OGA Knockout cell line (A549) >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	O-GlcNAcase provided by HGNC
Also known as	MEA5; MGEA5; NCOAT
Gene Description	The dynamic modification of cytoplasmic and nuclear proteins by O-linked N-acetylglucosamine (O-GlcNAc) addition and removal on serine and threonine residues is catalyzed by OGT (MIM 300255), which adds O-GlcNAc, and MGEA5, a glycosidase that removes O-GlcNAc modifications (Gao et al., 2001 [PubMed 11148210]). [supplied by OMIM, Mar 2008]
Expression	Ubiquitous expression in brain (RPKM 42.8), lymph node (RPKM 37.2) and 25 other tissues See more