

MGAT1 Knockout cell line (HEK293)

Catalog Number: KO05663

Product Information	
Product Name	MGAT1 Knockout cell line (HEK293)
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	MGAT1
Gene ID	4245
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%DMEM+10% FBS
Parental Cell Line	HEK293
Quality Control	Genotype: MGAT1 Knockout cell line (HEK293) >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	alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase provided by HGNC
Also known as	GnTI; MGAT; GLCT1; GLYT1; GNT-1; GNT-I; GLCNAC-TI
Gene Description	There are believed to be over 100 different glycosyltransferases involved in the synthesis of protein-bound and lipid-bound oligosaccharides. UDP-N-acetylglucosamine:alpha-3-D-mannoside beta-1,2-N-acetylglucosaminyltransferase I is a medial-Golgi enzyme essential for the synthesis of hybrid and complex N-glycans. The protein, encoded by a single exon, shows typical features of a type II transmembrane protein. The protein is believed to be essential for normal embryogenesis. Several variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]
Expression	Ubiquitous expression in fat (RPKM 30.2), spleen (RPKM 29.9) and 25 other tissues See more