

GCNT2 Knockout cell line (A549)

Catalog Number: KO05287

Product Information	
Product Name	GCNT2 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	GCNT2
Gene ID	2651
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: GCNT2 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	glucosaminyl (N-acetyl) transferase 2 (I blood group) provided by HGNC
Also known as	II; CCAT; IGNT; ULG3; GCNT5; GCNT2C; NACGT1; NAGCT1; CTRCT13; bA421M1.1; bA360O19.2
Gene Description	This gene encodes the enzyme responsible for formation of the blood group I antigen. The i and I antigens are distinguished by linear and branched poly-N-acetyllactosaminoglycans, respectively. The encoded protein is the I-branching enzyme, a beta-1,6-N-acetylglucosaminyltransferase responsible for the conversion of fetal i antigen to adult I antigen in erythrocytes during embryonic development. Mutations in this gene have been associated with adult i blood group phenotype. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]
Expression	Broad expression in prostate (RPKM 6.7), small intestine (RPKM 2.4) and 21 other tissues See more

