

ST3GAL3 Knockout cell line (HCT 116)

Catalog Number: KO13715

Product Information	
Product Name	ST3GAL3 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	ST3GAL3
Gene ID	6487
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: ST3GAL3 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	ST3 beta-galactoside alpha-2,3-sialyltransferase 3provided by HGNC
Also known as	ST3N; DEE15; MRT12; SIAT6; EIEE15; ST3GALII; ST3GalIII; ST3Gal III
Gene Description	The protein encoded by this gene is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The encoded protein is normally found in the Golgi apparatus but can be proteolytically processed to a soluble form. This protein is a member of glycosyltransferase family 29. Mutations in this gene have been associated with a form of autosomal recessive nonsyndromic cognitive disability as well as infantile epileptic encephalopathy. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Jul 2017]
Expression	Broad expression in testis (RPKM 4.7), fat (RPKM 2.9) and 25 other tissues See more