

ST8SIA1 Knockout cell line (A549)

Catalog Number: KO35437

Product Information	
Product Name	ST8SIA1 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	ST8SIA1
Gene ID	6489
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: ST8SIA1 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	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 1provided by HGNC
Also known as	GD3S; SIAT8; SIAT8A; SIAT8-A; ST8Sial
Gene Description	Gangliosides are membrane-bound glycosphingolipids containing sialic acid. Ganglioside GD3 is known to be important for cell adhesion and growth of cultured malignant cells. The protein encoded by this gene is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to GM3 to produce gangliosides GD3 and GT3. The encoded protein may be found in the Golgi apparatus and is a member of glycosyltransferase family 29. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2015]
Expression	Broad expression in brain (RPKM 1.5), adrenal (RPKM 0.7) and 19 other tissues See more