

GSTO1 Knockout cell line (HCT 116)

Catalog Number: KO01625

Product Information

Product Name	GSTO1 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	GSTO1
Gene ID	9446
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%McCoy's 5A+10% FBS
Parental Cell Line	HCT 116
Quality Control	Genotype: GSTO1 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	glutathione S-transferase omega 1 provided by HGNC
Also known as	P28; SPG-R; GSTO 1-1; GSTTLp28; HEL-S-21
Gene Description	The protein encoded by this gene is an omega class glutathione S-transferase (GST) with glutathione-dependent thiol transferase and dehydroascorbate reductase activities. GSTs are involved in the metabolism of xenobiotics and carcinogens. The encoded protein acts as a homodimer and is found in the cytoplasm. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2010]
Expression	Ubiquitous expression in liver (RPKM 91.8), heart (RPKM 47.6) and 25 other tissues See more