

Syvn1 Knockout cell line (INS-1)

Catalog Number: KO00032

Product Information	
Product Name	Syvn1 Knockout cell line (INS-1)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1 : 2-1 : 3
species	Human
Gene	Syvn1
Gene ID	361712
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	89%RPMI-1640+10%FBS+1%Sodium pyruvate+0.05 mM β-mercaptoethanol
Parental Cell Line	INS-1
Quality Control	Genotype: Syvn1 Knockout cell line (INS-1) >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	synoviolin 1 provided by RGD
Also known as	RGD1310488
Gene Description	Predicted to enable several functions, including enzyme binding activity; protein-folding chaperone binding activity; and unfolded protein binding activity. Predicted to be involved in several processes, including proteasomal protein catabolic process; protein K48-linked ubiquitination; and protein stabilization. Predicted to act upstream of or within in utero embryonic development and negative regulation of endoplasmic reticulum stress-induced intrinsic apoptotic signaling pathway. Predicted to be located in nucleoplasm and smooth endoplasmic reticulum. Predicted to be part of Derlin-1 retrotranslocation complex and Hrd1p ubiquitin ligase ERAD-L complex. Predicted to be active in endoplasmic reticulum quality control compartment. Orthologous to human SYVN1 (synoviolin 1). [provided by Alliance of Genome Resources, Apr 2025]
Expression	Biased expression in Spleen (RPKM 113.8), Kidney (RPKM 74.7) and 9 other tissues See more

