

Hk2 Knockout cell line (ID8)

Catalog Number: KO01260

Product Information	
Product Name	Hk2 Knockout cell line (ID8)
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	Mouse
Gene	Hk2
Gene ID	15277
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%DMEM+10%FBS
Parental Cell Line	ID8
Quality Control	Genotype: Hk2 Knockout cell line (ID8) >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	hexokinase 2provided by MGI
Also known as	HKII
Gene Description	Enables hexokinase activity. Involved in negative regulation of mitochondrial membrane permeability and negative regulation of reactive oxygen species metabolic process. Acts upstream of or within several processes, including carbohydrate phosphorylation; cellular response to leukemia inhibitory factor; and regulation of D-glucose import. Located in mitochondrion. Is expressed in several structures, including alimentary system; cardiovascular system; genitourinary system; nervous system; and sensory organ. Human ortholog(s) of this gene implicated in obesity and type 2 diabetes mellitus. Orthologous to human HK2 (hexokinase 2). [provided by Alliance of Genome Resources, Apr 2025]
Expression	Broad expression in heart adult (RPKM 28.6), genital fat pad adult (RPKM 13.1) and 16 other tissues See more

