

HSPB8 Knockout cell line (A549)

Catalog Number: KO06284

Product Information	
Product Name	HSPB8 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	HSPB8
Gene ID	26353
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: HSPB8 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	heat shock protein family B (small) member 8provided by HGNC
Also known as	H11; HMN2; CMT2L; DHMN2; E2IG1; HMN2A; HMND2; HSP22; MFM13; HSPB8-N1; HSPB8-N2
Gene Description	The protein encoded by this gene belongs to the superfamily of small heat-shock proteins containing a conservative alpha-crystallin domain at the C-terminal part of the molecule. The expression of this gene is induced by estrogen in estrogen receptor-positive breast cancer cells, and this protein also functions as a chaperone in association with Bag3, a stimulator of macroautophagy. Thus, this gene appears to be involved in regulation of cell proliferation, apoptosis, and carcinogenesis, and mutations in this gene have been associated with different neuromuscular diseases, including Charcot-Marie-Tooth disease. [provided by RefSeq, Jul 2008]
Expression	Broad expression in heart (RPKM 181.8), esophagus (RPKM 96.6) and 15 other tissues See more