TPM3 Knockout cell line (HEK293)

Catalog Number: KO05990

Product Information

Product Name	TPM3 Knockout cell line (HEK293)
specification	1*10^6
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:6
species	Human
Gene	TPM3
Gene ID	7170
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%DMEM+10% FBS
Parental Cell Line	HEK293
Quality Control	Genotype: TPM3 Knockout cell line (HEK293) >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	tropomyosin 3provided by HGNC
Also known as	TM3; TM5; TRK; CFTD; NEM1; TM-5; TM30; CAPM1; CMYO4A; CMYO4B; CMYP4A; CMYP4B; TM30nm; TPM3nu; TPMsk3; hscp30; HEL-189; HEL-S-82p; OK/SW-cl.5
Gene Description	This gene encodes a member of the tropomyosin family of actin-binding proteins. Tropomyosins are dimers of coiled-coil proteins that provide stability to actin filaments and regulate access of other actin-binding proteins. Mutations in this gene result in autosomal dominant nemaline myopathy and other muscle disorders. This locus is involved in translocations with other loci, including anaplastic lymphoma receptor tyrosine kinase (ALK) and neurotrophic tyrosine kinase receptor type 1 (NTRK1), which result in the formation of fusion proteins that act as oncogenes. There are numerous pseudogenes for this gene on different chromosomes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013]
Expression	Ubiquitous expression in bone marrow (RPKM 43.6), appendix (RPKM 31.3) and 25 other tissues See more