

EIF4E2 Knockout cell line (HCT 116)

Catalog Number: KO10370

Product Information	
Product Name	EIF4E2 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	EIF4E2
Gene ID	9470
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%McCOYs 5A+10% FBS
Parental Cell Line	HCT 116
Quality Control	Genotype: EIF4E2 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	eukaryotic translation initiation factor 4E family member 2provided by HGNC
Also known as	4EHP; IF4e; 4E-LP; h4EHP; EIF4EL3
Gene Description	Enables RNA 7-methylguanosine cap binding activity; mRNA cap binding activity; and ubiquitin protein ligase binding activity. Involved in negative regulation of translational initiation; negative regulation of type I interferon-mediated signaling pathway; and rescue of stalled ribosome. Acts upstream of with a positive effect on miRNA-mediated gene silencing by inhibition of translation. Acts upstream of or within negative regulation of translation. Located in P-body. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Ubiquitous expression in kidney (RPKM 16.4), colon (RPKM 13.5) and 25 other tissues See more