

Product datasheet for **KN205402LP**

ACTRT1 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	ACTRT1
Locus ID:	139741
Components:	KN205402G1 , ACTRT1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN205402G2 , ACTRT1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN205402LPD , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. GE100003 , scramble sequence in pCas-Guide vector
Disclaimer:	These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.
RefSeq:	NM_138289
UniProt ID:	Q8TDG2
Synonyms:	AIP1; ARIP1; ARPT1; HSD27
Summary:	This gene encodes a protein related to the cytoskeletal protein beta-actin. This protein is a major component of the calyx in the perinuclear theca of mammalian sperm heads, and it therefore likely functions in spermatid formation. This gene is intronless and is similar to a related gene located on chromosome 1. A related pseudogene has also been identified approximately 75 kb downstream of this gene on chromosome X. [provided by RefSeq, May 2010]



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Product images:

