

Product datasheet for **KN220864RB**

p73 (TP73) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	p73
Locus ID:	7161
Components:	KN220864G1 , p73 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN220864G2 , p73 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN220864RBD , donor DNA containing left and right homologous arms and RFP-BSD 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_001126240](#), [NM_001126241](#), [NM_001126242](#), [NM_001204184](#), [NM_001204185](#), [NM_001204186](#), [NM_001204187](#), [NM_001204188](#), [NM_001204189](#), [NM_001204190](#), [NM_001204191](#), [NM_001204192](#), [NM_005427](#)

UniProt ID: [O15350](#)

Synonyms: P73

Summary: This gene encodes a member of the p53 family of transcription factors involved in cellular responses to stress and development. It maps to a region on chromosome 1p36 that is frequently deleted in neuroblastoma and other tumors, and thought to contain multiple tumor suppressor genes. The demonstration that this gene is monoallelically expressed (likely from the maternal allele), supports the notion that it is a candidate gene for neuroblastoma. Many transcript variants resulting from alternative splicing and/or use of alternate promoters have been found for this gene, but the biological validity and the full-length nature of some variants have not been determined. [provided by RefSeq, Feb 2011]



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Product images:

