

Product datasheet for **KN214233LP**

TPR 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:	TPR
Locus ID:	7175
Components:	<p>KN214233G1, TPR gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN214233G2, TPR gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN214233LPD, donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
Disclaimer:	<p>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.</p>
RefSeq:	NM_003292
UniProt ID:	P12270
Synonyms:	nuclear pore complex-associated protein TPR; nucleoprotein TPR; OTTHUMP00000033584; translocated promoter region (to activated MET oncogene); tumor potentiating region
Summary:	<p>This gene encodes a large coiled-coil protein that forms intranuclear filaments attached to the inner surface of nuclear pore complexes (NPCs). The protein directly interacts with several components of the NPC. It is required for the nuclear export of mRNAs and some proteins. Oncogenic fusions of the 5' end of this gene with several different kinase genes occur in some neoplasias. [provided by RefSeq, Jul 2008]</p>



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Product images:

