

Product datasheet for **KN207220LP**

PARN 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:	PARN
Locus ID:	5073
Components:	<p>KN207220G1, PARN gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN207220G2, PARN gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN207220LPD, donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	NM_001134477 , NM_001242992 , NM_002582
UniProt ID:	O95453
Synonyms:	DAN; DKCB6; PFBMFT4
Summary:	<p>The protein encoded by this gene is a 3'-exoribonuclease, with similarity to the RNase D family of 3'-exonucleases. It prefers poly(A) as the substrate, hence, efficiently degrades poly(A) tails of mRNAs. Exonucleolytic degradation of the poly(A) tail is often the first step in the decay of eukaryotic mRNAs. This protein is also involved in silencing of certain maternal mRNAs during oocyte maturation and early embryonic development, as well as in nonsense-mediated decay (NMD) of mRNAs that contain premature stop codons. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]</p>



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Product images:

