

Product datasheet for **KN203307LP**

Cyclophilin A (PPIA) 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:	Cyclophilin A
Locus ID:	5478
Components:	<p>KN203307G1, Cyclophilin A gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN203307G2, Cyclophilin A gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN203307LPD, 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_001300981 , NM_021130 , NM_203430 , NM_203431
UniProt ID:	P62937
Synonyms:	CYPA; CYPH; HEL-S-69p
Summary:	<p>This gene encodes a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. The encoded protein is a cyclosporin binding-protein and may play a role in cyclosporin A-mediated immunosuppression. The protein can also interact with several HIV proteins, including p55 gag, Vpr, and capsid protein, and has been shown to be necessary for the formation of infectious HIV virions. Multiple pseudogenes that map to different chromosomes have been reported. [provided by RefSeq, Jul 2008]</p>



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Product images:

