

## Product datasheet for **KN209784**

### PARIS (ZNF746) Human Gene Knockout Kit (CRISPR)

#### Product data:

**Product Type:** Knockout Kits (CRISPR)  
**Format:** 2 gRNA vectors, 1 GFP-puro donor, 1 scramble control  
**Donor DNA:** GFP-puro  
**Symbol:** PARIS  
**Locus ID:** 155061  
**Components:** **KN209784G1**, PARIS gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TAAGGGCGACCCGCGCGCGC  
**KN209784G2**, PARIS gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TACCGGAGCCGCGACCCGCT  
**KN209784D**, donor DNA containing left and right homologous arms and GFP-puro functional cassette.

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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 AACACTGCGG CCAACTTACT TCTGACAACG ATCGGAGGAC CGAAGGAGCT AACCGCTTTT TTGCACAACA  
 TGGGGGATCA TGTAACCTCG CTT

**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\\_001163474](#), [NM\\_152557](#), [NM\\_001363517](#)

**UniProt ID:**

[Q6NUN9](#)

**Synonyms:**

PARIS

**Summary:**

Transcription repressor that specifically binds to the 5'-TATTTT[T/G]-3' consensus sequence on promoters and repress transcription of PGC-1-alpha (PPARGC1A), thereby playing a role in regulation of neuron death.[UniProtKB/Swiss-Prot Function]

Product images:

