

## Product datasheet for **KN214676**

### Stella (DPPA3) 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:	Stella
Locus ID:	359787
Components:	<p><b>KN214676G1</b>, Stella gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TATCTGACTATAGGGGGGTT</p> <p><b>KN214676G2</b>, Stella gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TTGACTATCTGACTATAGGG</p> <p><b>KN214676D</b>, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p>

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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 GCTAACCGCT TTTTGCACA ACATGGGGGA TCATGTAAC GCCTT

**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\\_199286](#)

**UniProt ID:**

[Q6W0C5](#)

**Synonyms:**

STELLA

**Summary:**

This gene encodes a protein that in mice may function as a maternal factor during the preimplantation stage of development. In mice, this gene may play a role in transcriptional repression, cell division, and maintenance of cell pluripotentiality. In humans, related intronless loci are located on chromosomes 14 and X. [provided by RefSeq, Jul 2008]

Product images:

