

Product datasheet for KN214676LP

OriGene Technologies, Inc.

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Stella (DPPA3) 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: Stella Locus ID: 359787

Components: KN214676G1, Stella gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN214676G2, Stella gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN214676LPD, donor DNA containing left and right homologous arms and Luciferase-Puro

functional cassette.

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

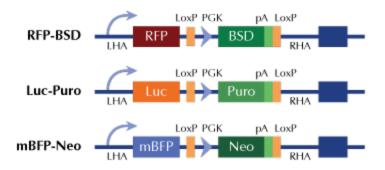
Summary: This gene encodes a protein that in mice may function as a maternal factor during the

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:

Donor Vector Edited Chromosome



RFP, Luc, and mBFP will be under native gene promoter