

Product datasheet for KN205527BN

SHCBP1 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control

Donor DNA: mBFP-Neo SHCBP1 Symbol: Locus ID: 79801

KN205527G1, SHCBP1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN205527G2, SHCBP1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN205527BND, donor DNA containing left and right homologous arms and mBFP-Neo

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 001324318, NM 001324319, NM 024745, NR 136738

UniProt ID: Q8NEM2 Synonyms: PAL

Summary: May play a role in signaling pathways governing cellular proliferation, cell growth and

> differentiation. May be a component of a novel signaling pathway downstream of Shc. Acts as a positive regulator of FGF signaling in neural progenitor cells.[UniProtKB/Swiss-Prot

Function1



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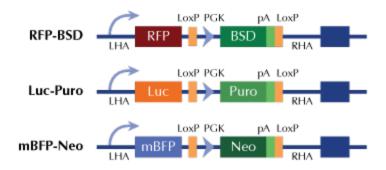
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Product images:

Donor Vector Edited Chromosome



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