

Product datasheet for KN207198BN

Product datasireet for KN207 1966N

YY1 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

Symbol: YY1

Locus ID: 7528

Components: KN207198G1, YY1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN207198G2, YY1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN207198BND, donor DNA containing left and right homologous arms and mBFP-Neo

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

RefSeq: <u>NM 003403</u>

UniProt ID: P25490

Synonyms: DELTA; INO80S; NF-E1; UCRBP; YIN-YANG-1

Summary: YY1 is a ubiquitously distributed transcription factor belonging to the GLI-Kruppel class of zinc

finger proteins. The protein is involved in repressing and activating a diverse number of promoters. YY1 may direct histone deacetylases and histone acetyltransferases to a

promoter in order to activate or repress the promoter, thus implicating histone modification

in the function of YY1. [provided by RefSeq, Jul 2008]

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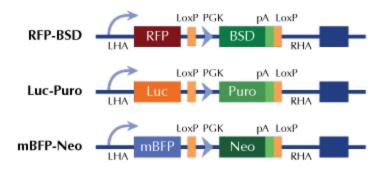
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Product images:

Donor Vector Edited Chromosome



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