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Product datasheet for KN207198

YY1 Human Gene Knockout Kit (CRISPR)

Product data:

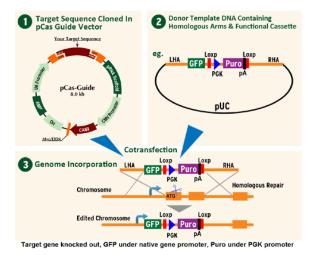
Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA:	GFP-puro
Symbol:	YY1
Locus ID:	7528
Components:	KN207198G1, YY1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GGAGACCATCGAGACCACAG KN207198G2, YY1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CGAGGTGGAGACCATCCCGG KN207198D, 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 CAGGGCGCGG GCGAGCCGCC CCGCCCCGG TCCCATCGGC CCCAATCCGG GAGGAGCCCG GCGAGTGGGC GGGCCCGCGG AGGCCAGCGG ACAGATCGAT TGGCCATCGGC CCCAATCCGG GAGGAGCCGG GCGAGTGGGC GGGCCCGCGG GGGGGCTGA GGCCAGCGG TCCCATCGGC CCCAATCCGG GAGGAGCCG GCGAGTGGGC GGGCCCGCGG GGCGGCTGA GGCCAGCGG TGCCATCGGC CCCAATCGGC CCGAGCAAGG TGTGGCGGCG GGGCCGCGGG GGCGGCTGA GGCCAGCGG AGAGTCTGC GAGGCCGGGC CCGAGCAAGG TGTGGCGGCG GGGCAGCGG GGCGGCTGA GGCCAGCGG AGAGTCTGC GGAGGCGGG CCGAGCAAGG GGCGAGGGG GGGAAGCGGA GCGCGGCCC GAGGGCGGG AGGAGCGGG GCCAGGGG GGGGGGGG
	GTTCTCGGTC ACCATGTGGT CCTCAGGTGA GCGCCGGCCG CGCGCCCGG CCCCGGGATG TTTTTGTTTT
	GAAGGGAAGC GE100003 , scramble sequence in pCas-Guide vector
	de invovo, seramble sequence in peas-duide vector



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	YY1 Human Gene Knockout Kit (CRISPR) – KN207198
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:	<u>NM 003403</u>
UniProt ID:	<u>P25490</u>
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]

Product images:



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