

Product datasheet for KN201538BN

PPAR gamma (PPARG) Human Gene Knockout Kit (CRISPR)

Product data:

Knockout Kits (CRISPR) **Product Type:** Format: 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control Donor DNA: mBFP-Neo Symbol: PPAR gamma Locus ID: 5468 **KN201538G1**, PPAR gamma gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **Components:** KN201538G2, PPAR gamma gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN201538BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. GE100003, scramble sequence in pCas-Guide vector **RefSeq:** NM 001330615, NM 005037, NM 015869, NM 138711, NM 138712, NM 001354666, NM 001354667, NM 001354668, NM 001354669, NM 001354670 **UniProt ID:** P37231 Synonyms: CIMT1; GLM1; NR1C3; PPARG1; PPARG2; PPARgamma Summary: This gene encodes a member of the peroxisome proliferator-activated receptor (PPAR) subfamily of nuclear receptors. PPARs form heterodimers with retinoid X receptors (RXRs) and these heterodimers regulate transcription of various genes. Three subtypes of PPARs are known: PPAR-alpha, PPAR-delta, and PPAR-gamma. The protein encoded by this gene is PPARgamma and is a regulator of adipocyte differentiation. Additionally, PPAR-gamma has been implicated in the pathology of numerous diseases including obesity, diabetes, atherosclerosis and cancer. Alternatively spliced transcript variants that encode different isoforms have been described. [provided by RefSeq, Jul 2008]

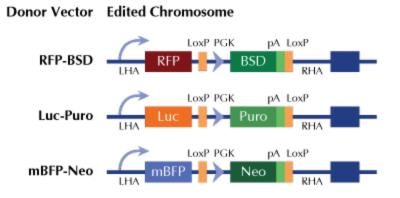


This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2025 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product images:



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

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2025 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US