

Product datasheet for **KN201538BN**

PPAR gamma (PPARG) 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:	PPAR gamma
Locus ID:	5468
Components:	KN201538G1 , PPAR gamma gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) 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; PPARGgamma
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 PPAR-gamma 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]



[View online »](#)

Product images:

