

## Product datasheet for **KN201538LP**

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

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	PPAR gamma
Locus ID:	5468
Components:	<b>KN201538G1</b> , PPAR gamma gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN201538G2</b> , PPAR gamma gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN201538LPD</b> , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. <b>GE100003</b> , 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:	<a href="#">NM_001330615</a> , <a href="#">NM_005037</a> , <a href="#">NM_015869</a> , <a href="#">NM_138711</a> , <a href="#">NM_138712</a> , <a href="#">NM_001354666</a> , <a href="#">NM_001354667</a> , <a href="#">NM_001354668</a> , <a href="#">NM_001354669</a> , <a href="#">NM_001354670</a>
UniProt ID:	<a href="#">P37231</a>
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 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]



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Product images:

