

## Product datasheet for **KN211157LP**

### ARA9 (AIP) 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:	ARA9
Locus ID:	9049
Components:	<b>KN211157G1</b> , ARA9 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN211157G2</b> , ARA9 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN211157LPD</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_001302959</a> , <a href="#">NM_001302960</a> , <a href="#">NM_003977</a>
UniProt ID:	<a href="#">O00170</a>
Synonyms:	ARA9; FKBP16; FKBP37; SMTPHN; XAP-2; XAP2
Summary:	The protein encoded by this gene is a receptor for aryl hydrocarbons and a ligand-activated transcription factor. The encoded protein is found in the cytoplasm as part of a multiprotein complex, but upon binding of ligand is transported to the nucleus. This protein can regulate the expression of many xenobiotic metabolizing enzymes. Also, the encoded protein can bind specifically to and inhibit the activity of hepatitis B virus. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2014]



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Product images:

