

Product datasheet for KN300921LP

Adora3 Mouse Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control Format:

Donor DNA: Luciferase-Puro

Adora3 Symbol: 11542 Locus ID:

KN300921G1, Adora3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN300921G2, Adora3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN300921LPD, donor DNA containing left and right homologous arms and Luciferase-Puro

functional cassette.

GE100003, 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.

NM 009631 RefSeq:

A3AR; A3R; AA3R; ARA3; Gpcr2 Synonyms:

Summary: This gene encodes a protein that belongs to the family of adenosine receptors, which are G-

protein-coupled receptors that are involved in a variety of intracellular signaling pathways and physiological functions. The receptor encoded by this gene mediates a sustained

cardioprotective function during cardiac ischemia, it is involved in the inhibition of neutrophil

degranulation in neutrophil-mediated tissue injury, it has been implicated in both neuroprotective and neurodegenerative effects, and it may also mediate both cell proliferation and cell death. This gene shares its 3' terminal exon with a transcript variant

from overlapping GeneID:69296, which encodes an immunoglobulin domain-containing

protein. [provided by RefSeq, Nov 2014]



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

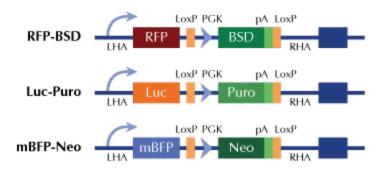
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Product images:

Donor Vector Edited Chromosome



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