

Product datasheet for KN220548LP

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

Neurotensin Receptor 1 (NTSR1) 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: Neurotensin Receptor 1

Locus ID: 4923

Components: KN220548G1, Neurotensin Receptor 1 gRNA vector 1 in pCas-Guide CRISPR vector

(GE100002)

KN220548G2, Neurotensin Receptor 1 gRNA vector 2 in pCas-Guide CRISPR vector

(GE100002)

KN220548LPD, 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.

RefSeq: NM 002531

UniProt ID: P30989

Synonyms: NTR

Summary: Neurotensin receptor 1 belongs to the large superfamily of G-protein coupled receptors.

NTSR1 mediates the multiple functions of neurotensin, such as hypotension, hyperglycemia, hypothermia, antinociception, and regulation of intestinal motility and secretion. [provided

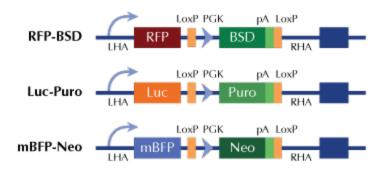
by RefSeq, Jul 2008]





Product images:

Donor Vector Edited Chromosome



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