

Product datasheet for KN202315RB

OriGene Technologies, Inc.

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C9ORF46 (PLGRKT) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control

Donor DNA: RFP-BSD
Symbol: C9ORF46
Locus ID: 55848

Components: KN202315G1, C9ORF46 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN202315G2, C9ORF46 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN202315RBD**, donor DNA containing left and right homologous arms and RFP-BSD

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 018465

 UniProt ID:
 Q9HBL7

Synonyms: AD025; C9orf46; MDS030; Plg-R(KT); PLG-RKT

Summary: Receptor for plasminogen. Regulates urokinase plasminogen activator-dependent and

stimulates tissue-type plasminogen activator-dependent cell surface plasminogen activation. Proposed to be part of a local catecholaminergic cell plasminogen activation system that regulates neuroendocrine prohormone processing. Involved in regulation of inflammatory

response; regulates monocyte chemotactic migration and matrix metalloproteinase

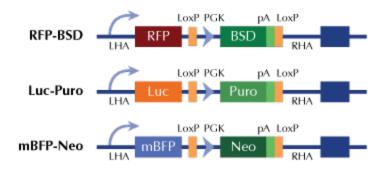
activation, such as of MMP2 and MMP9.[UniProtKB/Swiss-Prot Function]





Product images:

Donor Vector Edited Chromosome



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