

Product datasheet for KN216226LP

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

IGF2BP1 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: IGF2BP1 Locus ID: 10642

Components: KN216226G1, IGF2BP1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN216226G2, IGF2BP1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN216226LPD, 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: <u>NM 001160423</u>, <u>NM 006546</u>

UniProt ID: Q9NZI8

Synonyms: CRD-BP; CRDBP; IMP-1; IMP1; VICKZ1; ZBP1

Summary: This gene encodes a member of the insulin-like growth factor 2 mRNA-binding protein family.

The protein encoded by this gene contains four K homology domains and two RNA

recognition motifs. It functions by binding to the mRNAs of certain genes, including insulinlike growth factor 2, beta-actin and beta-transducin repeat-containing protein, and regulating their translation. Two transcript variants encoding different isoforms have been found for this

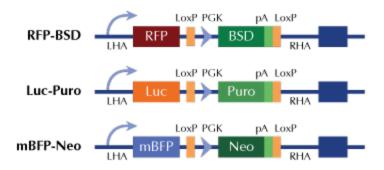
gene. [provided by RefSeq, May 2009]





Product images:

Donor Vector Edited Chromosome



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