

Product datasheet for KN212231LP

OriGene Technologies, Inc.

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SMARCA6 (HELLS) 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: SMARCA6

Locus ID: 3070

Components: KN212231G1, SMARCA6 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN212231G2, SMARCA6 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN212231LPD, 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 001289067, NM 001289068, NM 001289069, NM 001289070, NM 001289071,

NM 001289072, NM 001289073, NM 001289074, NM 001289075, NM 018063

UniProt ID: Q9NRZ9

Synonyms: LSH; Nbla10143; PASG; SMARCA6

Summary: This gene encodes a lymphoid-specific helicase. Other helicases function in processes

involving DNA strand separation, including replication, repair, recombination, and

transcription. This protein is thought to be involved with cellular proliferation and may play a role in leukemogenesis. Alternatively spliced transcript variants encoding different isoforms

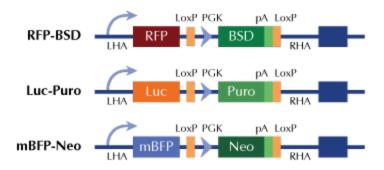
have been identified. [provided by RefSeq, Jan 2014]





Product images:

Donor Vector Edited Chromosome



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