

Product datasheet for KN220211LP

OriGene Technologies, Inc.

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SCRIBBLE (SCRIB) 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: SCRIBBLE Locus ID: 23513

Components: KN220211G1, SCRIBBLE gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN220211G2, SCRIBBLE gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN220211LPD, 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 015356</u>, <u>NM 182706</u>

UniProt ID: Q14160

Synonyms: CRIB1; SCRB1; SCRIB1; Vartul

Summary: This gene encodes a protein that was identified as being similar to the Drosophila scribble

protein. The mammalian protein is involved in tumor suppression pathways. As a scaffold protein involved in cell polarization processes, this protein binds to many other proteins. The encoded protein binds to papillomavirus E6 protein via its PDZ domain and the C-terminus of E6. Two alternatively spliced transcript variants that encode different protein isoforms have

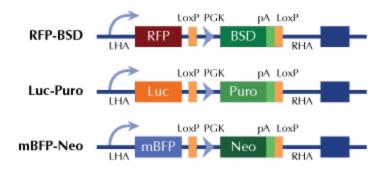
been found for this gene. [provided by RefSeq, Nov 2011]





Product images:

Donor Vector Edited Chromosome



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