

Product datasheet for **KN220211**

SCRIBBLE (SCRIB) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA:	GFP-puro
Symbol:	SCRIBBLE
Locus ID:	23513
Components:	KN220211G1, SCRIBBLE gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CAAGCGGCACTGTTTCGCTGC KN220211G2, SCRIBBLE gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GCGGTAGATCTCCTCCGGCA KN220211D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; Left arm sequence in blue; GFP-puro in green; Right arm in violet

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AAGGCGAGTT ACATGATCCC CCATGTTGTG CAAAAAAGCG GTTAGCTCCT TCGGTCCTCC GATCGTTGTC
AGAAGTAAGT TGGCCGCAGT GTTATCACTC ATGGTTATGG CAGCACTGCA TAATTCTCTT ACTGTCATGC
CATCCGTAAG ATGCTTTTCT GTGACTGGTG AGTACTCAAC CAAGTCATTG TGAGAATAGT GTATGCCGGC
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CAGGCATCGT GGTGTCACGC TCGTCGTTTG GTATGGCTTC ATTCAGCTCC GGTCCCAAC GATC

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GE100003, scramble sequence in pCas-Guide vector

RefSeq:

[NM_015356](#), [NM_182706](#)

UniProt ID:

[Q14160](#)

Synonyms:

CRIB1; SCRIB1; 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:

