

Product datasheet for **KN221920**

SRMS 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:	SRMS
Locus ID:	6725
Components:	<p>KN221920G1, SRMS gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GACAAGATCTGGCCGGCGGG</p> <p>KN221920G2, SRMS gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GACCCGGGGGTGCCATGGTC</p> <p>KN221920D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p>

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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ATCTGGCCAA CACTTAAATA AGCAGGCAAT TTTTCACCTG AGTGCAGCTC AGGCTTGCCA ACCACTGCAG
GTGCTGAACA GCAGCGCTTC TCCGTGGAAC CCCCACTTCT CCGTGGGCAC GGGCGGCTGT TGGACTGTGG
TGCCTTTGGG CATGGGCCAG GCCTGACTGG GCAGAGCCAT TCCGCCTGCC TGGGCCTTGC AGAGGGCGGG
AGAGAGGCTG GCCCTGCCA CCCC GCCCTC CTCGGGCCCC TCCTGGAGCC CGCCCCCGCC CCAGCCCAAG
CTGCCCTCTG CCGTCGGGTT GGGGAGGGGA CGGTGCACTC CAGACGCCAA GGAGGTCGAG GACAGGAGGT
GCTGTGCGTG TGCCTGAGGC AGGGGGTCCG CCCTGCGCCC CACCCAGCCC CAACGCCAGC CCGGACGCCG
GTGGAACCG TGTGCTCCT GGATCCAGGG GACCTCTGAG TGACCGCAGG GCCGGGGTCC CCTGTACCC
CACGGCCAGG GCAGGGAGCG CTGGACACCG GGTCCCACCG GCCCTGCCAG TTCCTCTTCC GGGCTCGCGG
GCTCCCATGG CCCTCGGGCC CAGCGTGGTG ACCCCGGGGG GAGCCTTGCA GCCCCTTCCC TCAGCTCTTC
CTTGCGCTCT ATGACTTAC GGC GCGGTGT GCGGGGAGC TGAGTGTCCG CCGCGGGGAC AGGCTCTGTG
CCCTCGAAGA GGGGGGCGG TACATCTCG CACGCAGGCT TTCGGGCCAG CCCAGCGCCG GGCTCGTGCC
CATCACCCAC GTGGCCAAGG CTTCTCCTGA GACGCTCTCA GACCAACCGT GAGTACCTCG GCCTCGGAGT
CAGAGCCTGC CTCGCCCCA GCTGGGGAGT CCAGAACAAC GGCAGGATTT TGAGTTGGAA ATCGCATGTC
CGTGGCTATC TGTTATTCA TTCGTTATC CACGCATTCA TTCAGGGACA GCTGATGGC CCCGGGCCGG
CAGGTGTGGT AGGAAAACAG CAGTGTCCG TGTGGGCTGC CGAGAGGGAG AGGAGGCTCC GGCAGGCGTG
GTCAGGTCT GTGGGGGGA GCATCAGCTG CACCAGCTGG ACACCCAGCA GGCGGTTCT CCAGGACCCT
GCCTGGCTGG CCAGGCCCTC CCGCCCTCAC ACAGGGAGTC CAGTGTTCAT GGATCGGTCA CTGCTTGGAG
GGCAGGGGCT

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GE100003, scramble sequence in pCas-Guide vector



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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_080823](#)

UniProt ID: [Q9H3Y6](#)

Synonyms: C20orf148; dj697K14.1; PTK70; SRM

Summary: Non-receptor tyrosine-protein kinase which phosphorylates DOK1 on tyrosine residues (PubMed:23822091). Also phosphorylates KHDRBS1/SAM68 and VIM on tyrosine residues (PubMed:29496907). Phosphorylation of KHDRBS1 is EGF-dependent (PubMed:29496907). [UniProtKB/Swiss-Prot Function]

Product images:

