

Product datasheet for **KN411779**

VPS13C Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 linear donor
Donor DNA:	EF1a-GFP-P2A-Puro
Symbol:	VPS13C
Locus ID:	54832
Components:	KN411779G1, VPS13C gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GGACTTGCTGAACCGCTTCC KN411779G2, VPS13C gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GAACAAGTCCCAGCTGAAGC KN411779D, Linear donor DNA containing LoxP-EF1A-tGFP-P2A-Puro-LoxP: The sequence below is cassette sequence only. The linear donor DNA also contains proprietary target sequence.

LoxP-EF1A-tGFP-P2A-Puro-LoxP (2739 bp)

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ATAACTTCGT ATAATGTATG CTATACGAAG TTATCGTGAG GCTCCGGTGC CCGTCAGTGG GCAGAGCGCA
CATCGCCAC AGTCCCGAG AAGTTGGGG GAGGGTCCG CAATTGAACC GGTGCCTAGA GAAGGTGGCG
CGGGTAAC TGGGAAAGTG ATGTCGTGTA CTGGCTCCG CTTTTCCCG AGGGTGGGG AGAACCGTAT
ATAAGTGAC TAGTCGCCGT GAACGTTCTT TTTGCAACG GGTTCGCCG CAGAACACAG GTAAGTGCCG
TGTGTGGTTC CCGCGGGCCT GGCCTCTTTA CGGGTTATGG CCCTTGCGTG CCTTGAATTA CTTCCACCTG
GCTGCAGTAC GTGATTCTTG ATCCCGAGCT TCGGGTTGGA AGTGGGTGGG AGAGTTCGAG GCCTTGCGCT
TAAGGAGCCC CTTGCGCTCG TGCTTGAGTT GAGGCTGGC CTGGGCGCTG GGGCCGCCG GTGCGAATCT
GGTGGCACCT TCGCGCCTGT CTCGCTGCTT TCGATAAGTC TCTAGCCATT TAAAATTTTT GATGACCTGC
TGCGACGCTT TTTTCTGGC AAGATAGTCT TGTAATGCG GGCCAAGATC TGCACACTGG TATTCGGTT
TTTGGGGCG CGGGCGGCGA CGGGGCCCGT GCGTCCAGC GCACATGTTT GCGGAGGCGG GGCCTGCGAG
CGCGGCCACC GAGAATCGGA CGGGGGTAGT CTCAAGCTGG CCGGCTGCT CTGGTGCCTG GCCTCGCGCC
GCCGTGTATC GCGCGCCCT GGGCGGCAAG GCTGGCCCG TCGGCACCAG TTGCGTGAGC GGAAAGATGG
CCGCTTCCG GCCCTGCTGC AGGGAGCTCA AAATGGAGGA CGCGGCGCTC GGGAGAGCGG GCGGGTGAGT
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GCCGTCCAG CACCTCGATT AGTTCTCGAG CTTTGGAGT ACGTCGTCT TAGGTTGGG GGAGGGGTTT
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TTTTTTCTT CCATTTCAAG TGTCGTGAAT GGAGAGCGAC GAGAGCGGCC TGCCCGCCAT GGAGATCGAG
TGCCGCATCA CCGGCACCCT GAACGGCGTG GAGTTGAGC TGGTGGGCG CGGAGAGGGC ACCCCGAGC
AGGGCCGAT GACCAACAAG ATGAAGAGCA CCAAAGCGC CCTGACCTTC AGCCCTACC TGCTGAGCCA
CGTGATGGG TACGGCTTCT ACCACTTCG CACCTACCC AGCGGTACG AGAACCCCTT CCTGCACGCC
ATCAACAACG GCGGCTACAC CAACACCCG ATCGAGAAGT ACGAGGACG CGGCGTGCT CACGTGAGCT
TCAGCTACCG CTACGAGGCC GGCCGCGTGA TCGGCGACTT CAAGGTGATG GGCACCGGCT TCCCGGAGGA
CAGCGTGATC TTCACCGACA AGATCATCCG CAGCAACGCC ACCGTGGAGC ACCTGCACCC CATGGGCGAT
  
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AACGATCTCG	ATGGCAGCTT	CACCCGACAC	TTCAGCCTGC	GCGACGCGG	CTACTACAGC	TCCGTGGTGG	
ACAGCCACAT	GCACTTCAAG	AGCGCATATC	ACCCAGCAT	CCTGCAGAAC	GGGGGCCCA	TGTTGCCTT	
CCGCCGCGTG	GAGGAGGATC	ACAGCAACAC	CGAGCTGGGC	ATCGTGGAGT	ACCAGCACGC	CTTCAAGACC	
CCGGATGCAG	ATGCCGGTGA	AGAAAGAGGA	AGCGGAGCTA	CTAACTTCAG	CTGCTGAAG	CAGGCTGGAG	
ACGTGGAGGA	GAACCTTGA	CCTATGACCG	AGTACAAGCC	CACGGTGC	CTCGCCACC	GCGACGACGT	
CCCCAGGGCC	GTACGCACCC	TCGCCGCCG	GTTCGCCGAC	TACCCGCCA	CGCGCCACAC	CGTCGATCCG	
GACCGCCACA	TCGAGCGGGT	CACCGAGCTG	CAAGAACTCT	TCCTACGCG	CGTCGGGCTC	GACATCGGCA	
AGGTGTGGGT	CGCGGACGAC	GGCGCCGCG	TGCGGTCTG	GACCACGCCG	GAGAGCGTCG	AAGCGGGGGC	
GGTGTTCGCC	GAGATCGGCC	CGCGCATGGC	CGAGTTGAGC	GGTCCC	GGCCGCGCA	GCAACAGATG	
GAAGGCTCC	TGGCGCCGCA	CCGGCCAAAG	GAGCCCGCGT	GGTTCTTGGC	CACCGTCGGC	GTCTCGCCCG	
ACCACCAGGG	CAAGGGTCTG	GGCAGCGCCG	TCGTGCTCCC	CGGAGTGGAG	GCGGCCGAGC	GCGCCGGGGT	
GCCCGCCTTC	CTGGAGACCT	CCGCGCCCGC	CAACCTCCCC	TTCTACGAGC	GGCTCGGCTT	CACCGCTACC	
GCCGACGTGC	AGGTGCCCGA	AGGACCCGCG	AACTGGTGCA	TGACCCGCAA	GCCCGGTGCC	TGAAAGTTGT	
TTATTGCAGC	TTATAATGGT	TACAAATAAA	GCAATAGCAT	CACAAATTTT	ACAAATAAAG	CATTTTTTTT	
ACTGCATTCT	AGTTGTGGTT	TGTCCAAACT	CATCAATGTA	TCTTAATAAC	TTCGTATAAT	GTATGCTATA	CGAAGTTAT



RefSeq: [NM_001018088](#), [NM_017684](#), [NM_018080](#), [NM_020821](#)

UniProt ID: Q709C8

Synonyms: PARK23

Summary: This gene encodes a member of the vacuolar protein sorting-associated 13 gene family. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Oct 2010]

Product images:

