

## Product datasheet for **KN210866**

### SMURF 2 (SMURF2) 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:	SMURF 2
Locus ID:	64750
Components:	<p><b>KN210866G1</b>, SMURF 2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CCGTCAAGCTGCGCCTGAC</p> <p><b>KN210866G2</b>, SMURF 2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GGGCCCGTTCCTCCGGCCTC</p> <p><b>KN210866D</b>, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p> <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</p> <pre> ACCTCGGCG GCAGTCACA CCCTCCCTGA CTGCCGGTGC CCGCCAGGGC ACCCTGCGCG CGCCCGCCGG CCCCGCCCG GCCCGCCCC GCCCGCCCG GCCCGCTCC CGTCTCCTCC CCGCCCCCG GAGCCGACGA GTGGCGGCG CGGCCCCAGG TCCCGGGTCC CTCAGACAAG AGGGCGGGTG GAGGAGGAAG CGGCCGAGCC CAGAGTTCTG CTCCGGCGCC CCCGAGCACC GCCCGCTTCA GCCGACCAGC CCCGTCGGT ACTGGGCTC GCCGAGACGA GAGGAGGGAA AGGCCTCGGC GGCCGCGAGG AGGCGGCGGG GCGCGGGCG GAGGCGGCGC GGGCGGCCGC GGCTGCCGCT TTGTTGTGCG GCCCGGGCCG AGGAAGGAGA AGTGGGAGGA GGGGGGAGCT CGGCGTCCCG CTCCCTCCGC GGCTCATGGC GACGACTCTC GGCACATCCG GGACCCTCCG GCCGTGGCGG CCGAGGCGCC GGCTGCTCGG GCCCCAGCCC CGGCCGCTGT GGTGACTCCG CCGCGCCTCG CCGTCGCCCC CGTGCCGCC GCCGCCCCG CCGCCCCCG CGCCGGGAC GTGGGCGAGC TGGCGGGGG TGCCTGTGGC CTTGGGAAGG GCCAGGGTCG CGATCAATGA TGAGTTGGGG GTCGGAGGAA TGGGAAGGCC TAGTTCAGGG AGAGTAATTG GAAAACCACT TGCTCTGGTT TGGACATTGT TAAAAAGCC GAGGATGACT CGGGGCGGGG GGTGGTGTT TGTGGAGGGG AGAATACACC GGTTCCGATC GCAGGCGGAT TTCAGGTCGG AAAGTCTTGG TCAAGGAGCC AGACGCTGCC TCCCGGGCT CGGGAACAG CCCCTGGCT ACCGCCAGG TGAGATCGTG AAGGGATGA AGAGCTCCG TGGCAGGAT TATTGAATCC GGTGCTGAC TGCGCAGT AAACACTCCT TAAAGATGA GCGCTTAACG GGAGGGTGTG CGTGTGTGTT CCCGGTTGT TACCTTGAC ACACCCAGTT ATGCCCGCAT GAAAAACCTT TACTCCCCG CGCCGGCCAC CGTGCCCGG GCCACACACC TAAACTCAT GTCTCTGAGG TGAGGAGACA GGTGACTTT TCCGGTGTGC CTGTCTGATC CGACGGCTTG GGCTCATTGT ACACTGTGTT </pre> <p><b>GE100003</b>, scramble sequence in pCas-Guide vector</p>



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