

Product datasheet for **KN213601LP**

SBF2 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:	SBF2
Locus ID:	81846
Components:	KN213601G1 , SBF2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN213601G2 , SBF2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN213601LPD , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette.

Homologous arm and Luciferase-Puro sequences:

pUC vector backbone in gray; Left arm sequence in blue; Luciferase-Puro in green;

Right arm in violet

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ATTCCCCTCT ACACAACATA AACAGGAAAC GTGCAGCAA AGCCCTGTGC ATGCAAATTC CTTGCTCCA
ACCGAGGGCG GGAGAATTTC ATCTTTGGTG GTGGTGGGGA GCAGAGGAAG CAGCCAGCTT TCCAAGTGAC
CCCTCAACTC TCCACATCCC TTCTTCCAAA TCCAAACAGA ATAGAGAAGG CGGAAGGAAG GACCCCTGC
TTTAGGAAAA ATAGGGAGGC AGAGGGGGCC GTGAAGCAGC ATCCAGGCCT CAAAGTGAAC CACCTCCAGG
GGCCGCGGTG GCGGCGGTG GCGGGAACAC GCCGACCGC CCACTCCCC AGCGCAGCAG TCCGCGAGGC
CCGCGGAGGG TGGAGGTGGG CTCGCCGCC GGGCTTGGG CAGCCGAGCC AGCGCGGGT GGGGCGGGG
AGGAGCGGGC ACTAGGCGCC GCGCAAGCGC AGAGCGCGCC TCGTTGTCA AACATGGCTG AAGCGCTGCC
GCTGCCGCTA CTGCCGCTG AGGAAAATG CTGAGCCCTC CCGGGCCGG TGGCGGCGG CGGCGAGGGC
GGCGACGGGG ACCCGCTTCC CGAGCGCGGC GCGGCGGCC GCCTCCCCG CCCCCGGCC CTGTCCAGTG
GGCTCCGCGG GGCCGGGCGT CGGGACGGG CGTCGGGGAG GGCCAGGCC AGTCTCGGAG GAGCGGGCGG
TCGGCGTCCG GCCTTCTCG CTGGGCTGAG CCTGGCGGTG GGCGTGGGG GGCCGGCACG ACGGTAGGGG
GAGGGAAGAC GCCGCGTCTG CCCAGCCCT GGGCGCACCC GCTGGGCGGG CCGGAGGCGA GTTGGGTCT
CGCGACCCCT CCGCTGGAGG CTGCAGGTA CCCGGGGCAG AGAGAGCCCT GAGATTGGG CCAGGACCGC
AAGGCTGGGA GGGCGGGAG CAACTGTGCT AAGTTCCTG GGGATAAACT TCTGCCCTG ATCCTGAGT
AGTAACCAGT GACGCAGGG GTTGTCTCT CCGAAAGGAA GTGCTGAGAG TCCAGTGCTA ACTCACCCCT
GTGCTGTTGG GGGCCTAGT ACCTCCCCA GGAACCGGTG GTACCAGGA AGGGGACAGG ATTCTTTGCA
CTTTTACCC TTTCTAGGAA ATGCTCCCTA TTCTTTCAGG ACAAATGTGA CGGTCACTTC ACAGTGACAT
GACTTGTCTT

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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_030962](#)

UniProt ID: [Q86WG5](#)

Synonyms: CMT4B2; DENND7B; MTMR13

Summary: This gene encodes a pseudophosphatase and member of the myotubularin-related protein family. This gene maps within the CMT4B2 candidate region of chromosome 11p15 and mutations in this gene have been associated with Charcot-Marie-Tooth Disease, type 4B2. [provided by RefSeq, Jul 2008]

Product images:

