

## Product datasheet for **KN221580**

### **CED6 (GULP1) 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:	CED6
Locus ID:	51454
Components:	<p><b>KN221580G1</b>, CED6 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: AGCAGGAAGAAAGGTAAGTG</p> <p><b>KN221580G2</b>, CED6 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: AACTTCATTTCTGGGCCAGG</p> <p><b>KN221580D</b>, 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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CTAAGACAAA GATTGTAGCT AATATCTTCT GAGCTCAATA TGTACCAAACT ACTGTGCCAA GTACTTTCAT
ACCTTTCCTA ATGTGTA AAA CAATCTTAAG TGGTAGGTAA TTTTATCCTA TGTTTTAACCT ACTGCTCCTA
GTATATCACC TGTCTTTGTG ACTTTTGAAT AAACACGAAA CTCTTCTGGG CCTCAGGTAA ATAAAAAGTA
AAGTGTATAT ATACACACCT CTTGTCAACA AGCTGAGGAA AAAGTATTGA TCTTTCTTCT CCTTAAGTTT
GCAAATAAAT ATAGTTAATG ATGGATATAT AATAGAAAAA AGACAAAATT GAAGAACTTG GGAGGAATTT
CTGTGAGACA TTCCTATCTG CTTGTGCCAC TCACGTTATT AAGTACTTGT GTTTTTTCTT ACCCAATGTC
CTTTGAGGCA TTTTAGAATA TTGTTTGTAA ATATTTTTAA AAATTTAAAA AGCCTTTATA ATTTAAACCA
CATTAGCAAA AGAGAGGTCA GTCAACAGTC CTTTGTTTAT GTTTTAAATAT TTTGTCACTT TTACAGGATT
TAAGTCGTGG AACTGAACAT TTATTTGGCT GATCCTCATC AAATCTGCAA ACGTTGCTAA TTAGCTTTCC
TTAGTTATCA CCCTAGTGAA AGATCAAAGT TGTTTATTAC ACTGAGTTCA CAATACATAT GTGATAATAT
GTCGCCTGGC AACTTGAAGC TTGTTGTGAA ATTGCAAAGA ATAAAATGAT CTGAAACTTT GTCCTAACTT
TAGCTTATGT AGCCATATAA TACTAAATTC CCTGGGCTTA CATAAGATTA TGGTAACATA AATTCATTCA
TAATTGTGTG TGTGTGTGTG CACAGGCTTC ATGTATCATT GAACAATATG TGAGGATTGG TAGTAGATAG
ATTGAAAGCA ATGAGGCCAC AATAAGTTTG TTATTAATTT TTAGGTAGGA ATTTAAATAA CTACGAATGT
AGTATATTAT AGTGATCACT ATAGGACTGA AAGAAACAGC TAGTTAGATG TTGTTTTTTA ATGGGCAGAA
AAACATGGCA TTTGACAAAC TATTTTATGA TGCACCTATA AAGAAAGATA GAAAAATAAA TATAACTTTG
CGTAGGTCAG TGAAGTTTAA ATAATGTATC CTTTCCATTC TCAAAGGAGT TCTCTAGTGG AGAGCATGGG
GCTCTCTCCT

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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\\_001252668](#), [NM\\_001252669](#), [NM\\_016315](#), [NR\\_045562](#), [NR\\_045563](#)

**UniProt ID:** [Q9UBP9](#)

**Synonyms:** CED-6; CED6; GULP

**Summary:** The protein encoded by this gene is an adapter protein necessary for the engulfment of apoptotic cells by phagocytes. Several transcript variants, some protein coding and some thought not to be protein coding, have been found for this gene. [provided by RefSeq, Nov 2011]

### Product images:

