

Product datasheet for **KN207101**

CSDE1 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:	CSDE1
Locus ID:	7812
Components:	<p>KN207101G1, CSDE1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TACAGATCTCTGATAAGTTG</p> <p>KN207101G2, CSDE1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CTTACAGATCTCTGATAAGT</p> <p>KN207101D, 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>TAAATTTATA TATCTCCTTA TCGGGCATAC GGTAATACGG TAAGAGCAAA TGAGTGAGGA CTTCACTGTT GGCCTCTTTT GGAGTTCCTC ACTCTTTCCT CAGAATACCT GAGTAATACA TGATACTCAT AGACCATCTG ACATACCAAC TCGGTGAAAC CTAGACTATA AATACATAGT AAATATTTAT AAAAGCTCAT TTTTATCTCT GGGCAGAAAA ATAGTCCCAG TTATTTTCTT CTGCACCCCA TTGGGTTATC AGTGTGTACT CTAGGGAGAC TAGTGACTAA AAATGATAGG TTCTATTTAA AGTTGATCGG CATTGAAAAG AAATTGGACT GAATAGTCTC ACTCCAACAA CCATCAAGAG TCTTTGTGGC ATTTTCAGAA TTGTTGATGT CATCGTATGT TTTAATGGCT TTAAAAAATA TACATTTTAC CTTTTATAGT AATGTTAATT CTATGTATTT CCTGTCAATA GAAATCTAAT TTATATTTTC CTAACCCCAA GCTAAAAATA TATATTGACT GTGAAATGTG CATTAAATTG TTATTGATCA TAGTTATCAA CATTATGCTA TGTATAACA GCTGTTTGGG CTCAGCTTAC CTTGCTTTGT GTTAAGAGCA TGACCTAGGA TTGCCACTCA TTCTGGTTGA AATATCTTGC CGACTCACCT TCTAACTTCC CGAATCATT TTTTACCTT CACTCTTGAA AGATACTTC AGTAGATTAG GGTCTTACTG CCCAAAGTAT ATCTAAGAAT CAGAAGCATT ATTATCACCT TGGATCTTAA TAAAGATGGA AAATTTCAA TCCCCATACC TACTGAGTCT GATTTTATAT TTTAACTTCT CATTGAGAA GCCCTGGTTT ACAGCCAGAC CTTCTTGTTT TGAATCTTCT ACTATTTGAC TTTGGCAAGT CATTAACTT CTCTGTGTCT GTTTTCTCAT TGGTAAAATG AGGCGAATAC AATACTTTCT TGTGGGCTTT TGTGAAAGTT AAATGAGTTA ATATATGTTA AACACAGAAC AGTGGCTAGT GTAGAAGAAT TAGGACGTAA CCACCTACAG GTGTGGTGGC TTTGATTTAC GTGATTTGAC CATCACACAT ATCGTTGACT CAAACTTGG TTTATCTTTC TAGAATTTGT TACTCTTTT TCCTAGTGAA AATATATCTT TTTTATTAAT</pre> <p>GE100003, scramble sequence in pCas-Guide vector</p>



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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_001007553](#), [NM_001130523](#), [NM_001242891](#), [NM_001242892](#), [NM_001242893](#), [NM_007158](#)

UniProt ID: [O75534](#)

Synonyms: D1S155E; UNR

Summary: RNA-binding protein. Required for internal initiation of translation of human rhinovirus RNA. May be involved in translationally coupled mRNA turnover. Implicated with other RNA-binding proteins in the cytoplasmic deadenylation/translational and decay interplay of the FOS mRNA mediated by the major coding-region determinant of instability (mCRD) domain. [UniProtKB/Swiss-Prot Function]

Product images:

