

Product datasheet for **KN415364**

Collagen alpha 1(XXVIII) chain (COL28A1) 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:	Collagen alpha 1(XXVIII) chain
Locus ID:	340267
Components:	KN415364G1, Collagen alpha 1(XXVIII) chain gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN415364G2, Collagen alpha 1(XXVIII) chain gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN415364D, 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
CGGGGTAAAC TGGGAAAGTG ATGTCGTGTA CTGGCTCCG CTTTTCCCG AGGGTGGGG AGAACCGTAT
ATAAGTGAC TAGTCGCCGT GAACGTTCTT TTTCCGAACG GGTTCGCCG CAGAACACAG GTAAGTGCCG
TGTGTGGTTC CCGCGGGCCT GGCCTCTTA CGGGTTATGG CCCTTGCGTG CCTTGAATTA CTTCCACCTG
GCTGCAGTAC GTGATTCTTG ATCCCGAGCT TCGGGTTGGA AGTGGGTGGG AGAGTTCGAG GCCTTGCGCT
TAAGGAGCCC CTTGCGCTCG TGCTTGAGTT GAGGCCCTGGC CTGGGCGCTG GGGCCCGCCG GTGCGAATCT
GGTGGCACCT TCGCGCCTGT CTCGCTGCTT TCGATAAGTC TCTAGCCATT TAAAATTTTT GATGACCTGC
TGCGACGCTT TTTTCTGGC AAGATAGTCT TGTAATGCG GGCCAAGATC TGCACACTGG TATTTTCGTT
TTTGGGGCG CGGGCGGCGA CGGGGCCCGT GCGTCCAGC GCACATGTTC GGCAGGCGG GGCCTGCGAG
CGCGGCCACC GAGAATCGGA CGGGGGTAGT CTCAAGCTGG CCGGCCTGCT CTGGTGCCTG GCCTCGCGCC
GCCGTGTATC GCCCCGCCCT GGGCGGCAAG GCTGGCCCG TCGGCACCAG TTGCGTGAGC GGAAAGATGG
CCGCTTCCCG GCCCTGCTGC AGGGAGCTCA AAATGGAGGA CGCGGCGCTC GGGAGAGCGG GCGGGTGAGT
CACCCACACA AAGGAAAAGG GCCTTCCGT CTCAGCCGT CGCTTCATGT GACTCCAGG AGTACCGGGC
GCCGTCCAG CACCTCGATT AGTTCTCGAG CTTTTGAGT ACGTCGTCT TAGGTTGGGG GGAGGGGTTT
TATGCGATGG AGTTTCCCA CACTGAGTGG GTGGAGACTG AAGTTAGGCC AGCTTGGCAC TTGATGTAAT
TCTCCTTGA ATTTGCCCTT TTTGAGTTG GATCTTGGT CATTCTCAAG CCTCAGACAG TGGTTCAAAG
TTTTTTCTT CCATTTCAAG TGTCGTGAAT GGAGAGCGAC GAGAGCGGCC TGCCCGCCAT GGAGATCGAG
TGCCGCATCA CCGGCACCCT GAACGGCGTG GAGTTGAGC TGGTGGGCGG CGGAGAGGGC ACCCCGAGC
AGGGCCGCAT GACCAACAAG ATGAAGAGCA CCAAAGCGC CCTGACCTTC AGCCCTACC TGCTGAGCCA
CGTGATGGG TACGGCTTCT ACCACTTCG CACCTACCC AGCGGTACG AGAACCCCTT CCTGCACGCC
ATCAACAACG GCGGCTACAC CAACACCCG ATCGAGAAGT ACGAGGACGG CGGCGTGCT CACGTGAGCT
TCAGCTACCG CTACGAGGCC GGCCGCGTGA TCGGCGACTT CAAGGTGATG GGCACCGGCT TCCCCGAGGA
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	GTTCCGCCGAC	TACCCGCCA	CGCGCCACAC	CGTCGATCCG	
GACCGCCACA	TCGAGCGGGT	CACCGAGCTG	CAAGAACTCT	TCCTACGCG	CGTCGGGCTC	GACATCGGCA	
AGGTGTGGGT	CGCGGACGAC	GGCGCCGCG	TGCGGTCTG	GACCACGCCG	GAGAGCGTCG	AAGCGGGGC	
GGTGTTCGCC	GAGATCGGCC	CGCGCATGCG	CGAGTTGAGC	GGTTCCCGGC	TGGCCGCGCA	GCAACAGATG	
GAAGGCTCC	TGGCGCCGCA	CCGGCCCAAG	GAGCCCGCGT	GGTTCTTGGC	CACCGTCGGC	GTCTCGCCCG	
ACCACCAGGG	CAAGGGTCTG	GGCAGCGCCG	TCGTGCTCCC	CGGAGTGGAG	GCGGCCGAGC	GCGCCGGGGT	
GCCCGCCTTC	CTGGAGACCT	CCGCGCCCCG	CAACCTCCCC	TTCTACGAGC	GGCTCGGCTT	CACCGCTACC	
GCCGACGTGC	AGGTGCCCGA	AGGCGCCGCG	AACTGGTGCA	TGACCCGCAA	GCCCGGTGCC	TGAAAGTTGT	
TTATTGCAGC	TTATAATGGT	TACAAATAAA	GCAATAGCAT	CACAAATTTT	ACAAATAAAG	CATTTTTTTT	
ACTGCATTCT	AGTTGTGGTT	TGTCCAAACT	CATCAATGTA	TCTTAATAAC	TTCGTATAAT	GTATGCTATA	CGAAGTTAT

RefSeq: [NM_001037763](#)

UniProt ID: Q2UY09

Synonyms: COL28

Summary: COL28A1 belongs to a class of collagens containing von Willebrand factor (VWF; MIM 613160) type A (VWFA) domains (Veit et al., 2006 [PubMed 16330543]).[supplied by OMIM, Nov 2010]

Product images:

