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Product datasheet for SC336805

CRNKL1 (NM_001278627) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CRNKL1 (NM_001278627) Human Untagged Clone
Tag:	Tag Free
Symbol:	CRNKL1
Synonyms:	CLF; Clf1; CRN; HCRN; MSTP021; SYF3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>SC336805 representing NM_001278627.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAAATGAAGAATCGCCAAGTCAACCATGCTCGAAATATCTGGGACCGGGCCATAACAACGCTGCCT
CGAGTTAATCAGTTCTGGTACAAGTACACGTACATGGAGGAAATGTTGGGAAACGTTGCCGGTGCCCGG
CAGGTGTTTGAGCGCTGGATGGAGTGGCAGCCTGAGGAGCAAGCCTGGCACTCCTACATCAACTTTGAG
CTGAGATACAAAGAGGTGGATCGGGCCCGCACCATTTATGAGCGATTTGTCCTCGTGCACCCTGATGTT
AAGAACTGGATCAAGTATGCCCGCTTTGAAGAAAAACATGCTTATTTTGCCCATGCACGGAAAGTGTAT
GAGAGAGCTGTGGAATTCTTTGGAGATGAACATATGGATGAGCACCTTTATGTTGCCTTTGCCAAGTTT
GAAGAAAATCAGAAAGAGTTTGAAAGGGTACGAGTGATTTACAAGTATGCCCTGGACAGAATTTCAAAA
CAAGATGCCCAAGAACTCTTTAAAAATTATACCATCTTTGAGAAGAAGTTTGGTGATAGGCGGGGTATT
GAAGATATCATTGTGAGCAAACGGAGATTCCAGTACGAAGAAGAAGTGAAGGCGAATCCACACAATTAT
GATGCATGGTTTGATTACTTGCGCTTGGTAGAAAGTGACGCAGAAGCTGAAGCCGTGAGAGAAGTCTAT
GAAAGGGCCATTGCCAATGTCCCACCCATTCAGGAGAAGAGGCACTGGAAGCGCTACATTTATCTTTGG
ATCAACTATGCACTCTATGAAGAATTGGAGGCAAAGGATCCTGAGAGGACAAGACAGGTGTATCAAGCC
TCTTTGGAACTAATTCCTCACAAAAAGTTCACATTTGCCAAAATGTGGATACTGTATGCACAGTTTGAA
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GAAAAGTTCCTGGAATTTGGACCTGAAAATTGTACCTCATGGATTAAATTCGCTGAATTAGAGACAATC
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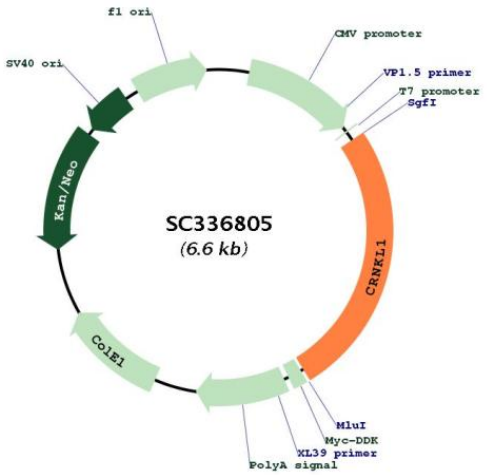
GAGGTGCTTTGGAAATCATATATTGATTTTGAAATTGAGCAGGAAGAAACAGAAAGAACACGAAACCTT
TACCGGCGGTTGCTTCAACGGACGCAGCATGTCAAGGTATGGATCAGCTTTGCTCAGTTTGAGTTGTCT
TCAGGAAAAGAAGGAAGTTTGACTAAATGCAGACAAATTTATGAAGAAGCTAACAAAACCATGCGAAAC
TGTGAAGAAAAGGAAGAGAGACTTATGCTGCTGGAATCTTGGCGAAGTTTTGAAGAAGAATTTGGAACA
GCTTCAGATAAGGAGAGAGTAGACAAACTCATGCCAGAGAAAGTCAAGAAGAGAAGAAAGGTCCAGACT
GATGATGGGTCTGATGCAGGCTGGGAAGAATACTTTGATTACATCTTTCCAGAAGATGCTGCCAACCAA
CCTAACCTCAAACTCCTGGCCATGGCCAAACTGTGGAAGAAACAGCAGCAGGAAAAGGAGGATGCTGAG
CACCATCCAGATGAGGACGTCGATGAGAGTGAATCCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN:	NM_001278627
Insert Size:	1695 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001278627.1
RefSeq Size:	4100 bp
RefSeq ORF:	1695 bp
Locus ID:	51340
UniProt ID:	Q9BZJ0
Cytogenetics:	20p11.23
Protein Pathways:	Spliceosome
MW:	68.6 kDa

Gene Summary: The crooked neck (crn) gene of Drosophila is essential for embryogenesis and is thought to be involved in cell cycle progression and pre-mRNA splicing. A protein encoded by this human locus has been found to localize to pre-mRNA splicing complexes in the nucleus and is necessary for pre-mRNA splicing. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2013]
Transcript Variant: This variant (4) uses two alternate splice sites in the 5' UTR, compared to variant 1. These differences result in predicted translation initiation at a downstream in-frame start site through ribosomal re-initiation and/or leaky scanning. The encoded isoform (c) is shorter than isoform a. Both variants 3 and 4 encode the same isoform (c).