

## Product datasheet for **SC337547**

### CRNKL1 (NM\_001278625) Human Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids                        |
| Product Name:             | CRNKL1 (NM_001278625) 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:** >NCBI ORF sequence for NM\_001278625, the custom clone sequence may differ by one or more nucleotides

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ATGACGGCAACAGTGGAGAACCTAACGTTCCAGAAGGACACTTTGGGAAATGCTGTTGACAAAAACAGGC
GCCACGGCTCGACAGAGCCACTCGTCGCCTGGTCATCCCAGTTCGGAGGCTGACCTGGGGATGCGC
CCTGGACGCCCTGCACCCGAGTCTTGGTCGCTAGTCAGCACGGCGTTACCCACCTCATCCGCAGC
TCCAGGACGCCGCACTCCACGCGCTGCCGAAGGAGGACGCGCAGCCTGGTCACCATGGAACCGTGCCG
CCTCCGTCACGGCTCAAGCGAGAGGTCAAAGGTAGTCTGCAAGTTCGGTTCGGTTCGGAGATCCTG
TTTGTCTTCTGAAAGCTTTGTGGTTTCGGTGAGCTCTCAGAGCCGATTTCTAGCGTCCGTGCCGGGACA
GGTGTCCAGAGGTGACTGCTGCAGACATGGCGGCTCCACCGCGCCGGGAAGCAGCGGATTTCCAAAAG
TGGCCAAGGTGAAAAACAAAGCCCGGCTGAGGTACAGATAACTGCTGAACAACCTTAAAGAGAGGCTAA
AGAAAGAGAACTTGACTTCTCCACCTCCACCTAACAGAAGATCACAGATGAAGAAGAATTAATGAT
TATAAACTAAGGAAAAGGAAAGACTTTTGAAGATAATAAAGAAAAACAGGACTGTGATTAGTAAGTGA
TAAATACGCACAATGGGAAGAAAGCCTAAAGGAGATTCAAAGGGCTCGATCCATATACGAGCGTGCTTT
AGATGTAGACTACCGAAATATTACACTCTGGCTGAAATACGCAGAAATGGAATGAAGAATCGCCAAGTC
AACCATGCTCGAAATATCTGGGACCGGGCCATAACAACGCTGCCTCGAGTTAATCAGTTCGGTACAAGT
ACACGTACATGGAGGAAATGTTGGGAAACGTTGCCGGTGCCCGGAGGTGTTGAGCGCTGGATGGAGTG
GCAGCCTGAGGAGCAAGCCTGGCACTCCTACATCAACTTTGAGCTGAGATACAAAGAGGTGGATCGGGCC
CGCACCATTTATGAGCGATTTGCTCCTCGTGACCCCTGATGTTAAGAACTGGATCAAGTATGCCCGCTTG
AAGAAAAACATGCTTATTTGCCATGCACGAAAGTGTATGAGAGAGCTGTGGAATTTTGGAGATGA
ACATATGGATGAGCACCTTTATGTTGCCTTTGCCAAGTTTGAAGAAAAACAGAAAGAGTTGAAAGGGTA
CGAGTGATTTACAAGTATGCCCTGGACAGAATTTCAAACAAGATGCCCAAGAACCTTTAAAAATTATA
CCATCTTTGAGAAGAAGTTTGGTGATAGGCGGGTATTGAAGATATCATTGTGAGCAACCGGAGATTCCA
GTACGAAGAAGAAGTGAAGGCGAATCCACACAATTATGATGCATGGTTTGATTACTTGCGCTTGGTAGAA
AGTGACGCAGAAGCTGAAGCCGTGAGAGAAGTCTATGAAAGGGCCATTGCCAATGTCCCACCATTACAGG
AGAAGAGGCACTGGAAGCGCTACATTTATCTTTGGATCAACTATGCACTCTATGAAGAATTGGAGGCAAA
GGATCCTGAGAGGACAAGACAGGTGATCAAGCCTCTTTGGAACATAATCCTCACAAAAAGTTCACATTT
GCCAAAATGTGGATACTGTATGCACAGTTTGAATACGACAGAAGAATCTGTCATTAGCCAGAAGAGCAT
TGGGAACCTCCATAGGCAATGTCCAAAGAACAATTTAAAGTTTACATAGAATTGGAGCTACAGCT
TCGAGAATTTGACAGATGCCGGAAGCTTTATGAAAAGTTCCTGGAATTTGGACCTGAAAATGTACTCA
TGGATTAATTCCTGAATTAGAGACAATCCTTGGTGATATTGACAGAGCACGGGCAATCTATGAATTAG
CCATCAGTCAGCCACGTTTAGACATGCCAGAGGTGCTTTGGAAATCATATATTGATTTTGAATTTAGCA
GGAAGAAACAGAAAGAACACGAAACCTTTACCGCGGTTGCTTCAACGGACGCAGCATGTCAAGGTATGG
ATCAGCTTTGCTCAGTTTGAGTTGTCTTCAGGAAAAGAAGGAAGTTTGACTAAATGCAGACAAAATTTATG
AAGAAGCTAACAAAACCATGCGAACTGTGAAGAAAAGGAAGAGAGACTTATGCTGCTGGAATCTTGCGG
AAGTTTTGAAGAAGAATTTGGAACAGCTTCAGATAAGGAGAGAGTAGACAACTCATGCCAGAGAAAAGTC
AAGAAGAGAAGAAAGTCCAGACTGATGATGGTCTGATGCAGGCTGGGAAGAATACTTTGATTACATCT
TTCCAGAAGATGCTGCCAACCACTAACCTCAAACCTGCGCCATGGCCAACTGTGGAAGAAACAGCA
GCAGGAAAAGGAGGATGCTGAGCACCATCCAGATGAGGACGTCGATGAGAGTGAATCCTGA
    
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**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001278625

**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).

|                               |  |
|-------------------------------|--|
| <b>Components:</b>            | 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).   |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>  |
| <b>RefSeq:</b>                | <u><a href="#">NM_001278625.1</a></u> , <u><a href="#">NP_001265554.1</a></u>  |
| <b>RefSeq Size:</b>           | 4377 bp  |
| <b>RefSeq ORF:</b>            | 2511 bp  |
| <b>Locus ID:</b>              | 51340  |
| <b>UniProt ID:</b>            | <u><a href="#">Q9BZJ0</a></u>  |
| <b>Cytogenetics:</b>          | 20p11.23   |
| <b>Protein Pathways:</b>      | Spliceosome  |
| <b>Gene Summary:</b>          | <p>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]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1. This results in a shorter protein (isoform b), compared to isoform a.</p> |