

## Product datasheet for **SC210805**

### CRM1 (XPO1) (NM\_003400) Human 3' UTR Clone

#### Product data:

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| Product Type:      | 3' UTR Clones                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Symbol:            | CRM1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Synonyms:          | CRM-1; CRM1; emb; exp1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Mammalian Cell     | Neomycin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Selection:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Vector:            | pMirTarget (PSI00062)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ACCN:              | NM_003400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Insert Size:       | 1001 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Insert Sequence:   | <p>&gt;SC210805 3'UTR clone of NM_003400</p> <p>The sequence shown below is from the reference sequence of NM_003400. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC CATGAGATTCCAGAAGAAATGTGTGATTAAATCCAAATTCATGCTGTTTTTTTCTCTGCAACTCGTT AGCAGAGGAAAACAGCATGTGGGTATTTGTCGACCAAAATGATGCCAATTTGTAATAAAATGTCACC TAGTGGCCCTTTTCTTATGTGTTTTTTGTATAAGAAATTTCTGTGAAATATCCTTCCATTGTTAA GCTTTTGTTTTGGTCATCTTTATTTAGTTTGCATGAAGTTGAAAATTAAGGCATTTTTAAAAATTTTAC TTCATGCCCATTTTTGTGGCTGGGCTGGGGGGAGGAGGCAAAATTCGATTGAACATATACTTGAATTC TAATGCAAAATTATACAATTTTCTGTAAACAATACCAATTTTAAATTAGGGAGCATTTTCCTTCTAG TCTATTTTCAGCCTAGAAGAAAAGATAATGAGTAAACAAATTCGTTGTTTAAAGGATTATAGTGCTGC ATTGTCTGAAGTTAGCACCTCTTGGACTGAATCGTTTGTCTAGACTACATGTATTACAAAGTCTCTTTG GCAAGATTGCAGCAAGATCATGTGCATATCATCCATTGTAAAGCGACTTCAAAAATATGGGAACACAG TTAGTTATTTTACACAGTTCTTTTTGTTTTGTGTGTGTGTGCTGCTGCTGTCGACAACAGCTTTTT GTTTTCTCAATGAGGAGTGTGCTCATTTGTGAGCCTTCATTAAGTGAAGTGAATGTTAAAAATA TTTATCTGTGTTAGAATAGGCTGCATCTTTTAAACAATCATTAAAAACAAAACAACTCTGGCTTTTGA GATGACTTATACTAATTTACATTGTTTACCAAGCTGTAGTGCTTTAAGAACAATACTTAAAAAGCAAAA TAAACTTGGTTACATTATTTTCTTTATTGACTCATTTATTCCTATATTAATGATAGTGGGTATT GTGTTTAAGCATCAAGTAACATTTTAAATGAAGTT ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG </pre> |
| Restriction Sites: | SgfI-MluI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |



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| <b>OTI Disclaimer:</b> | Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).                                                                                                                                   |
| <b>Components:</b>     | The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.                                                                                                                                                                                                                               |
| <b>Note:</b>           | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq:</b>         | <u><a href="#">NM_003400.4</a></u>                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Summary:</b>        | This cell-cycle-regulated gene encodes a protein that mediates leucine-rich nuclear export signal (NES)-dependent protein transport. The protein specifically inhibits the nuclear export of Rev and U snRNAs. It is involved in the control of several cellular processes by controlling the localization of cyclin B, MPAK, and MAPKAP kinase 2. This protein also regulates NFAT and AP-1. [provided by RefSeq, Jan 2015] |
| <b>Locus ID:</b>       | 7514                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>MW:</b>             | 39.1                                                                                                                                                                                                                                                                                                                                                                                                                         |