

Product datasheet for SC207113

Cellular Apoptosis Susceptibility (CSE1L) (NM_001316) Human 3' UTR Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | 3' UTR Clones |
| Product Name: | Cellular Apoptosis Susceptibility (CSE1L) (NM_001316) Human 3' UTR Clone |
| Symbol: | Cellular Apoptosis Susceptibility |
| Synonyms: | CAS; CSE1; XPO2 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_001316 |
| Insert Size: | 541 bp |
| Insert Sequence: | <p>>SC207113 3'UTR clone of NM_001316</p> <p>The sequence shown below is from the reference sequence of NM_001316. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> |

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
CTTCAGGCAGCCAGTGTGACACTGCTTAACTGCATTTTCTAATGGGCTAAACCCAGATGGTTTCCT
AGGAAATCACAGGCTTCTGAGCACAGCTGCATTAACAAAGGAAGTTCTCCTTTGAAGTTGTCACGA
ATTCCATCTTGTAAGGATATTAATGTTGCTTAACTGAACCTTGAGCAAATTAGTTGGTTTGTGTG
ATCATACAGTTATGTGGTGGCTTCTAGTTTGAACCTCAAGGGACAAGTATTAATAGTTCAGTGTATG
GCGTTGGTTTGTGTTGAGCGTTTGCACGTTTGGATAATCTTAAATTTGACGGACACTGTGGAGACTT
TCTGTTACTAAATCCTTTGTTTGAAGCTGTTGCTATTGTATTCTCTGTCTTTATATTTTTGT
CTGTTTATTACGCTTTATTGGAATGTGAATAAGTAAAGAATTACTTGTGTTACTTGCCAAGCAGTG
CACATTTCATAGTTTCAAATCTGTAATCAGCAATAAAATCCTAAATATGTACCTAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

| | |
|--------------------|--|
| Restriction Sites: | SgfI-MluI |
| OTI Disclaimer: | 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). |


[View online »](#)

| | |
|--------------------|--|
| Components: | 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. |
| RefSeq: | <u>NM_001316.4</u> |
| Summary: | Proteins that carry a nuclear localization signal (NLS) are transported into the nucleus by the importin-alpha/beta heterodimer. Importin-alpha binds the NLS, while importin-beta mediates translocation through the nuclear pore complex. After translocation, RanGTP binds importin-beta and displaces importin-alpha. Importin-alpha must then be returned to the cytoplasm, leaving the NLS protein behind. The protein encoded by this gene binds strongly to NLS-free importin-alpha, and this binding is released in the cytoplasm by the combined action of RANBP1 and RANGAP1. In addition, the encoded protein may play a role both in apoptosis and in cell proliferation. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012] |
| Locus ID: | 1434 |
| MW: | 20.6 |