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# Product datasheet for SC203977

## Caspase 10 (CASP10) (NM_032974) Human 3' UTR Clone

### Product data:

| | |
|---|---|
| **Product Type:** | 3' UTR Clones |
| **Product Name:** | Caspase 10 (CASP10) (NM_032974) Human 3' UTR Clone |
| **Vector:** | pMirTarget (PS100062) |
| **Symbol:** | CASP10 |
| **Synonyms:** | ALPS2; FLICE-2; FLICE2; MCH4 |
| **ACCN:** | NM_032974 |
| **Insert Size:** | 353 bp |
| **Insert Sequence:** | >SC203977 3'UTR clone of NM_032974<br>The sequence shown below is from the reference sequence of NM_032974. The complete sequence of this clone may contain minor differences, such as SNPs.<br>Blue=Stop Codon Red=Cloning site<br><br>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG<br>TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC<br>CCCATGCGCAGGTGGAGCAGCGTTTCCTAGTTCTTTCCAGAGGCTTCCTTCTGCCTGCCTTCCAGCCAC<br>ATCGCCTGAGATTGACAACGCCCTACAGCAAGACGGAAACCTCCCTTTACAGCACCACCTTGCGATTCT<br>GCAGCCACAAAGTTGAGACTTCTGAACGTGGCACTCTTCTGTTCCCTTACTGTTTCACGTGTACCTGTG<br>TCATCTTTCTTGTTTCATCGTAAACATACTTCTAAAATTCCCATTTTCTTTATTTAGAAATAGAACTAC<br>AAGCGGATGGTTAAACAATTTAAACAAATGGTCCATGGGGAAAAGTGAATTTCACACTGTCCCCCAAAC<br>TTTCAGTG<br>ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA<br>CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG |
| **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). |
| **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:** | NM_032974.5 |

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**Summary:** This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein cleaves and activates caspases 3 and 7, and the protein itself is processed by caspase 8. Mutations in this gene are associated with type IIA autoimmune lymphoproliferative syndrome, non-Hodgkin lymphoma and gastric cancer. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Apr 2011]

**Locus ID:** 843

**MW:** 13.5