

Product datasheet for **SC201149**

CELA1 (NM_001971) Human 3' UTR Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | 3' UTR Clones |
| Product Name: | CELA1 (NM_001971) Human 3' UTR Clone |
| Vector: | pMirTarget (PS100062) |
| Symbol: | CELA1 |
| Synonyms: | ELA1 |
| ACCN: | NM_001971 |
| Insert Size: | 165 bp |
| Insert Sequence: | >SC201149 3'UTR clone of NM_001971 The sequence shown below is from the reference sequence of NM_001971. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TGGATAAATAATGTCATCGCCTCCAAC TGA ACATTTTCCTGAGTCCAACGACCTTCCCAAAATGGTTCT TAGATCTGCAGTAGGACTTGCGATCAAAAAGTAAACACATTCTGAAAGACTATTGAGCCATTGATAGA AAAGCAAATAAACTAGATATACATTA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG |
| Restriction Sites: | Sgfl-Mlul |
| 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: | <u>NM_001971.6</u> |



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Summary: Elastases form a subfamily of serine proteases that hydrolyze many proteins in addition to elastin. Humans have six elastase genes which encode the structurally similar proteins elastase 1, 2, 2A, 2B, 3A, and 3B. Unlike other elastases, pancreatic elastase 1 is not expressed in the pancreas. To date, elastase 1 expression has only been detected in skin keratinocytes. Clinical literature that describes human elastase 1 activity in the pancreas or fecal material is actually referring to chymotrypsin-like elastase family, member 3B. [provided by RefSeq, May 2009]

Locus ID: 1990

MW: 6.4