

Product datasheet for SC204422

Collagen VII (COL7A1) (NM_000094) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Collagen VII (COL7A1) (NM_000094) Human 3' UTR Clone
Symbol:	Collagen VII
Synonyms:	EBD1; EBDCT; EBR1; NDNC8
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000094
Insert Size:	363 bp
Insert Sequence:	<p>>SC204422 3'UTR clone of NM_000094 The sequence shown below is from the reference sequence of NM_000094. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AGCCAGGGGACAGGTAAGTACTGCCAGGACTTGAGGCCAGATAATGAGCTGAGATTGAGCATCCCTGGAGG AGTCGGGGTCTCAGCAGAACCCCACTGTCCCTCCCTTGGTGCTAGAGGCTTGTGTGCACGTGAGCGTG CGTGTGCACGTCCGTTATTTCAAGTACTGGTCCCGTGGGTCTAGCCTTCCCCCTGTGGACAAACCCC CATTGTGGCTCCTGCCACCCTGGCAGATGACTCACTGTGGGGGGTGGCTGTGGGCAGTGAGCGGATGT GACTGGCGTCTGACCCGCCCTTGACCCAAGCCTGTGATGACATGGTGTGATTCTGGGGGCATTAAA GCTGCTGTTTTAAAGGC ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</pre>
Restriction Sites:	Sgfl-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.



[View online »](#)

RefSeq: [NM_000094.4](#)

Summary: This gene encodes the alpha chain of type VII collagen. The type VII collagen fibril, composed of three identical alpha collagen chains, is restricted to the basement zone beneath stratified squamous epithelia. It functions as an anchoring fibril between the external epithelia and the underlying stroma. Mutations in this gene are associated with all forms of dystrophic epidermolysis bullosa. In the absence of mutations, however, an acquired form of this disease can result from an autoimmune response made to type VII collagen. [provided by RefSeq, Jul 2008]

Locus ID: 1294

MW: 13.3