

Product datasheet for **SC201085**

Granzyme B (GZMB) (NM_004131) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Granzyme B (GZMB) (NM_004131) Human 3' UTR Clone
Symbol:	Granzyme B
Synonyms:	C11; CCPI; CGL-1; CGL1; CSP-B; CSPB; CTLA1; CTSLG1; HLP; SECT
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004131
Insert Size:	147 bp
Insert Sequence:	>SC201085 3'UTR clone of NM_004131 The sequence shown below is from the reference sequence of NM_004131. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC TGGATAAAGAAAACCATGAAACGCTACT AA CTACAGGAAGCAAATAAGCCCCGCTGTAATGAAACAC CTTCTCTGGAGCCAAGTCCAGATTTACTACTGGGAGAGGTGCCAGCAACTGAATAAATACCTTTAGCTG AGTGAAAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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.
RefSeq:	NM_004131.6



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Summary:

This gene encodes a member of the granzyme subfamily of proteins, part of the peptidase S1 family of serine proteases. The encoded preproprotein is secreted by natural killer (NK) cells and cytotoxic T lymphocytes (CTLs) and proteolytically processed to generate the active protease, which induces target cell apoptosis. This protein also processes cytokines and degrades extracellular matrix proteins, and these roles are implicated in chronic inflammation and wound healing. Expression of this gene may be elevated in human patients with cardiac fibrosis. [provided by RefSeq, Sep 2016]

Locus ID:

3002

MW:

5.6