

Product datasheet for **SC204483**

Vimentin (VIM) (NM_003380) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Vimentin (VIM) (NM_003380) Human 3' UTR Clone
Symbol:	Vimentin
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003380
Insert Size:	352 bp
Insert Sequence:	>SC204483 3'UTR clone of NM_003380 The sequence shown below is from the reference sequence of NM_003380. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACTTCTCAGCATCAGCATGACCTTGAATAAAAATTGCACACACTCAGTGCAGCAATATATTACCAGCAA
GAATAAAAAGAAATCCATATCTTAAAGAAACAGCTTTCAAGTGCCTTTCTGCAGTTTTTCAGGAGCGC
AAGATAGATTTGGAATAGGAATAAGCTCTAGTTCTTAAACAACCGACACTCCTACAAGATTTAGAAAAA
GTTTACAACATAATCTAGTTTACAGAAAAATCTTGTGCTAGAATACTTTTTAAAAGGTATTTTGAATAC
CATTAAAAGTGCCTTTTTTTTTTCCAGCAAGTATCCAACCAACTTGTTCTGCTTCAATAAATCTTTGGA
AAAATC
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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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:	<u>NM_003380.5</u>



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Summary:

This gene encodes a type III intermediate filament protein. Intermediate filaments, along with microtubules and actin microfilaments, make up the cytoskeleton. The encoded protein is responsible for maintaining cell shape and integrity of the cytoplasm, and stabilizing cytoskeletal interactions. This protein is involved in neuritogenesis and cholesterol transport and functions as an organizer of a number of other critical proteins involved in cell attachment, migration, and signaling. Bacterial and viral pathogens have been shown to attach to this protein on the host cell surface. Mutations in this gene are associated with congenital cataracts in human patients. [provided by RefSeq, Aug 2017]

Locus ID:

7431

MW:

14.1