

Product datasheet for SC201040

PEDF (SERPINF1) (NM_002615) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PEDF (SERPINF1) (NM_002615) Human 3' UTR Clone
Symbol:	PEDF
Synonyms:	EPC-1; OI6; OI12; PEDF; PIG35
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002615
Insert Size:	149 bp
Insert Sequence:	<p>>SC201040 3'UTR clone of NM_002615</p> <p>The sequence shown below is from the reference sequence of NM_002615. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC GGCAAGATTCTGGACCCAGGGGCCCCTATATCCAGTTTAATATTCCAATACCCTAGAAGAAAACCC GAGGGACAGCAGATTCCACAGGACACGAAGGCTGCCCTGTAAGGTTTCAATGCATACAATAAAGAGAGC TTTATCCCTAA ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
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_002615.7


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Summary:	This gene encodes a member of the serpin family that does not display the serine protease inhibitory activity shown by many of the other serpin proteins. The encoded protein is secreted and strongly inhibits angiogenesis. In addition, this protein is a neurotrophic factor involved in neuronal differentiation in retinoblastoma cells. Mutations in this gene were found in individuals with osteogenesis imperfecta, type VI. [provided by RefSeq, Aug 2016]
Locus ID:	5176
MW:	5.6