

Product datasheet for SC203034

Lipoprotein a (LPA) (NM_005577) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Lipoprotein a (LPA) (NM_005577) Human 3' UTR Clone
Symbol:	Lipoprotein a
Synonyms:	AK38; APOA; LP
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005577
Insert Size:	277 bp
Insert Sequence:	<p>>SC203034 3'UTR clone of NM_005577</p> <p>The sequence shown below is from the reference sequence of NM_005577. 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 TGGATTGAGGGAATGATGAGAAATAATTATTGGACGGGAGACAGAGTGAAGCATCAACCTACTTAGAA GCTGAAACGTGGGTAAGGATTTAGCATGCTGGAAATAATAGACAGCAATCAAACGAAGACACTGTTCCC AGCTACCAGCTATGCCAAACCTTGGCATTTTTGGTATTTTGTGTATAAGCTTTTAAGGTCTGACTGAC AAATTCTGTATTAAGGTGTCATAGCTATGACATTTGTTAAAAATAAACTCTGCACTTATTTTGATTGAA ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG </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:	<u>NM_005577.4</u>


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Summary: The protein encoded by this gene is a serine proteinase that inhibits the activity of tissue-type plasminogen activator I. The encoded protein constitutes a substantial portion of lipoprotein(a) and is proteolytically cleaved, resulting in fragments that attach to atherosclerotic lesions and promote thrombogenesis. Elevated plasma levels of this protein are linked to atherosclerosis. Depending on the individual, the encoded protein contains 2-43 copies of kringle-type domains. The allele represented here contains 15 copies of the kringle-type repeats and corresponds to that found in the reference genome sequence. [provided by RefSeq, Dec 2009]

Locus ID: 4018

MW: 10.4