

Product datasheet for SC203315

Plasma Kallikrein 1B (KLKB1) (NM_000892) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Plasma Kallikrein 1B (KLKB1) (NM_000892) Human 3' UTR Clone
Symbol:	Plasma Kallikrein 1B
Synonyms:	KLK3; PKK; PKKD; PPK
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000892
Insert Size:	289 bp
Insert Sequence:	<p>>SC203315 3'UTR clone of NM_000892</p> <p>The sequence shown below is from the reference sequence of NM_000892. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GGAAAAGCTCAGATGCAGTCACCAGCATGAAGCAGTCCAGAGTCTAGGCAATTTTACAACCTGAGT
TCAAGTCAAATTCTGAGCCTGGGGGCTCCTCATCTGCAAAGCATGGAGAGTGGCATCTTCTTGCATCC
TAAGGACGAAAAACAGTGCAGTCACTCAGAGCTGCTGAGGACAATGTCTGGCTGAAGCCGCTTTCAGCAC
GCCGTAACCAGGGGCTGACAATGCGAGGTCGCAACTGAGATCTCCATGACTGTGTGTGTGAAATAAAA
TGGTGAAAGATCA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_000892.5</u>


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Summary:	This gene encodes a glycoprotein that participates in the surface-dependent activation of blood coagulation, fibrinolysis, kinin generation and inflammation. The encoded preproprotein present in plasma as a non-covalent complex with high molecular weight kininogen undergoes proteolytic processing mediated by activated coagulation factor XII to generate a disulfide-linked, heterodimeric serine protease comprised of heavy and light chains. Certain mutations in this gene cause prekallikrein deficiency. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016]
Locus ID:	3818
MW:	10.4