

Product datasheet for **RN203779**

Klkb1 (NM_012725) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klkb1 (NM_012725) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Klkb1
Synonyms:	Kalp1; KALP15; Klk3; PK
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203779 representing NM_012725
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATTTTATTCAAACAAGTGGGTATTTTGTTCCTTGTTCGCTACAGTTTCCTGTGGGTGTCTGTCCAC
 AACTGTATGCAAATACCTTCTTCAGAGGTGGGATCTGGCTGCCATCTACACCCCGATGCCAGCACTG
 TCAGAAGATGTGCACGTTTCACCCAGGTGCCTCTTCAGCTTCTTGCCGTGAGTCCAACCAAGGAG
 ACAGATAAAAGGTTGGGTGCTTCATGAAAGAGAGCATTACAGGGACTTTGCCAAGAATACACCGGACAG
 GGGCCATTTCTGGTCATTCTTTAAACAGTGTGGCCATCAATTAAGTGCTTGCCACCAAGACATATACGA
 AGGACTGGATATGAGAGGTCCAACCTTAATATATCTAAGACCGACAGTATTGAAGAATGCCAGAAACTG
 TGCACAAATAATTTCACTGCCAATTTTTACATATGCTACAAAAGCATTTCACAGACCAGAGTACAGGA
 AGAGTTGCCTGTGAAGCGCAGTTCAAGTGAACGCCACCAGTATAAAGCCAGTGGACAACCTGGTGTC
 TGGATTCTCACTGAAGTCTGTCTCTCAGAGATCGGTTGCCCATGGATATTTCCAGCACTTTGCC
 TTTGCAGACCTGAATGTAAGCCATGTCTCACCCCGATGCCTTCGTGTGTCGCACCGTTTGACACCTTCC
 ATCCCAACTGCCTCTTCTCACATTCTACACGAATGAGTGGGAGACGGAATCACAGAGGAATGTTTGTTT
 TCTTAAGACATCTAAAAGTGAAGACCAAGTCCCCCTATTATTCAAGAAAATGCTGTATCTGGATACAGT
 CTCTTACCTGCAGAAAAGCTCGCCCTGAACCTGCCATTTCAAGATTTACTCTGGAGTTGCCTTCGAAG
 GGAAGAAGTGAACGCGACCTTCGTGCAGGGAGCAGATGCGTGCCAAGAGACTTGTACAAAGACCATCCG
 CTGTCAGTTTTTACTTACTCATTGCTTCCCAAGACTGCAAGGCAGAGGGGTGTAATGTTCTTAAGG
 TTATCCACGGATGGCTCTCCAAGTAGGATCACCTATGAGGCACAGGGGAGCTCTGGTTATTCTCTGAGAC
 TGTGTAAGTTGTGGAGAGCTCTGACTGTACGACAAAAATAAATGCACGTATTGTGGGAGGAACAAACT
 TTCTTTAGGAGAGTGGCCATGGCAGGTGAGCCTGCAAGTAAAGTTGGTTTCTCAGAATCATATGTGTGGA
 GGGTCCATCATTGGACGCCAATGGATACTGACGGCTGCCATTGCTTTGATGGGATTCCCTATCCAGACG
 TGTGGCGTATATATGGCGGGATTCTTAATCTGTGAGAGATTACAAACAAAACGCCTTTCTCAAGTATAAA
 GGAGCTTATTATTCATCAGAAAACAAAATGTCAGAAGGCAGTTACGATATTGCCTTAATAAAGCTTCAG
 ACACCGTTGAATTATACTGAATTCAAAAACCAATATGCCTGCCTTCCAAAGCTGACACAAATACAATTT
 ATACCAACTGCTGGGTGACTGGATGGGGCTACACAAAGGAACGAGGTGAGACCCAAAATATTCTACAAA
 GGCAACTATTCCCTTGGTACCAATGAAGAATGCCAGAAAAAATATAGAGATTATGTTATAACCAAGCAG
 ATGATCTGTGCTGGCTACAAAGAAGGTGGAATAGATGCTTGTAAAGGAGATTCCGGTGGCCCTTAGTTT
 GCAAACATAGTGAAGGTGGCAGTTGGTGGGTATCACCAGCTGGGGCGAAGGCTGTGCCCGCAAGGAGCA
 ACCAGGAGTCTACACAAAGTTGCTGAGTACATTGACTGGATATTGGAGAAGATACAGAGCAGCAAGGAA
 AGAGCTCTGGAGACATCTCCAGCATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2345_c10.zip

Restriction Sites: Sgfl-Mlul

ACCN: NM_012725

Insert Size: 1917 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).</p>
Components:	<p>The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).</p>
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_012725.2</u> , <u>NP_036857.2</u>
RefSeq Size:	2513 bp
RefSeq ORF:	1917 bp
Locus ID:	25048
Cytogenetics:	16q11
Gene Summary:	serine protease that plays a role in blood coagulation [RGD, Feb 2006]