

Product datasheet for **SC325794**

DEK (NM_001134709) Human Untagged Clone

Product data:

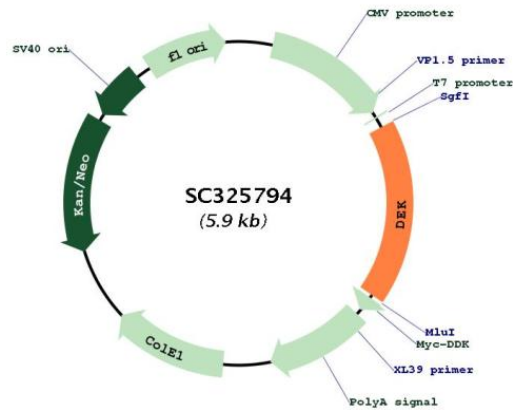
Product Type:	Expression Plasmids
Product Name:	DEK (NM_001134709) Human Untagged Clone
Tag:	Tag Free
Symbol:	DEK
Synonyms:	D6S231E
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC325794 representing NM_001134709. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGTCCGCCTCGGCCCTGCTGCGGAGGGGAGGGAACCCACCCAGCCCGCTCCGAGAAAGAACC
GAAATGCCGGTCCCAGAGAGGAGCGGAGGGAAGAGGACGAGGACGAGGAGGAGGAGGAGGAG
GAAAAAGGAAAGGGCAGAACTTTGTGAAATTGAGAGGATACATTTTTTTCTAAGTAAGAAGAAAAC
GATGAACCTAGAAATCTACACAACTGCTTTACAACAGGCCAGGCACTGTGTCCTCATTAAAGAAGAT
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TCTAAAAAACTTGTAGCAAAGGCGATAAAAAGGAACGGAACAGTTCTGGAATGGCAAGGAAGGCTAAG
CGAACCAATGTCCTGAAATTCGTGAGATGAATCTAGTAGTGAAGATGAAAAGAAAAACAAGGAA
GAGTCTTCAGATGATGAAGATAAAGAAAGTGAAGAGGAGCCACCAAAAAAGACAGCCAAAAGAGAAAAA
CCTAACAGAAAGCTACTTCTAAAAGTAAAAATCTGTGAAAAGTGCCAAATGTTAAGAAAGCAGATAGC
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GCCAGTGAAGTGAAGAAAGTCAAAATGAAACAGATTTGCAAAAAGGCTATGAAAATTAATCCTACT
TATGATTTAACTGAAAGAAAGATTTCAAAAACAACTGTAAGAGGCTAATTTCT TGA
ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001134709

Insert Size: 1026 bp

OTI Disclaimer: 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components: 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).

Reconstitution Method:

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: [NM_001134709.1](#)

RefSeq Size: 2785 bp

RefSeq ORF: 1026 bp

Locus ID: 7913

UniProt ID: [P35659](#)

Cytogenetics: 6p22.3

Protein Families: Druggable Genome, Transcription Factors

MW: 38.7 kDa

Gene Summary: This gene encodes a protein with one SAP domain. This protein binds to cruciform and superhelical DNA and induces positive supercoils into closed circular DNA, and is also involved in splice site selection during mRNA processing. Chromosomal aberrations involving this region, increased expression of this gene, and the presence of antibodies against this protein are all associated with various diseases. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2008]
Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. The resulting isoform (2) is shorter than isoform 1.