

Product datasheet for **SC301904**

DGKK (NM_001013742) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DGKK (NM_001013742) Human Untagged Clone
Tag:	Tag Free
Symbol:	DGKK
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001013742, the custom clone sequence may differ by one or more nucleotides <pre> ATGGACCGCGGAGCTGCCGCAGCCAGGGCACTGCCCCGCTCAGGATGGAGAGCAGCCC GCTGAGTCTCCAGAGCCTCCGCCGCTTGGCCGCCGCCACCACCACCGCTCCGCCG CCGGCTCCGCCGCTGCTCTCCGAGGCTTCGCCAGAACCACATACCAGAGCCCTGTCCAGAG CTTGCTCCAGGTCCCTGTCCAGAGGCGACCTCAGAATCAGCCACAGAAGTGTACACAGAA CCGACCCAGAACCCAGCCACAGAGCCGGCCTCAGAACCAGCCAGAACCTGCCACAGAG CCGGCCCCAGAACCTGCCACAGAGCCGGCCCCAGAACCCAGCCAGAACCTGCCACAGAG TCTGCCCCAGAGCCGACTCCAGAACCTGCCCTAGAGTCGGTCCCAGAGCCGGCCCCAGAG CTGACTCCAGAAAGTTGCCCCAGAGCTGGCCCCAGAGCCGACCCAGAACCTGTGACAGAG CTGGCCCCAGAGTTCTGCCCTGAGGCGGCTCCAGAGTTCCGTCCAAGTCCAGCACCATGT CTATTGCAATGTCCGGTGGACACTCGAGAGAGAGGTCTAAAGACCTCGCCATCGCCATCG CCATCGCCATCGCCAGAACGCCAATGTCGTGGTCCAGAATAAAGAAAATATTGAAGGAA GGACCTATGCTGAAGAACTGTAACCTTTCAAGAGATGGAAGCTTAGATATTTTCTGGTT CAAGGACAGAAGCTCTACTTTGCACACCATCCCGCTTTGCACACTTTGAAACGATTGAT CTGTCTCAAGCCACTGTGGCAGAAAGCAGCTGTAGAAACCTTTGCCACAGTTTTTGTGTT ATTACACCACAACGAAAAATCACTCTGGCTGCACCAACCGGAAAGACATGGAAGATGG ATTAACATCATAAAAACCATCCAACAGGGAGAAATTTATAAGATACCTGCAGCAGAAAAAC AACCCTTTTCTTGTGGAATGCATTGTTGGTACTCCAGTTACAGCCACCGGACCCAGCAC TGCAATGTTTGTGAGAGAGCATTCTGCCTTATCTAGAGATGCCATCATCTGTGAAGTG TGCAAAGTGAAATCTCACAGATTGTGTGCTTTGAGAGCAAGCAAAGACTGCAAGTGGAAT ACATTGTCTATCACTGATGACCTCCTTCTGCCTGCAGATGAAGTAAACATGCCCATCAA TGGGTAGAAGGAAACATGCCTGTCAGCTCTCAGTGTGAGTGTGTCATGAGAGCTGTGGC AGTTATCAAAGACTTCAAGACTTCCGCTGCCTGTGGTGTAAATCTACGGTGCATGATGAC TGTAAGGAGACGGTTTTTCAAGGAATGTTGCTTCAGAAGCCATCGCTCATCAGTCATTCT CCCACTGCTCTAAGCGACCCCAAAGGCGATGGCCAATTAGTAGTATCTTCAGACTTCTGG AATCTTGATTGGTCATCAGCCTGTTTATGTCCTTGTCTATCTTCATCAACTCCAAAAGT GGCGATCATCAGGGGATCGTCTTCTCCGAAAATTCAAGCAATACCTTAACCCATCTCAA GTGTTGCACTTATTGAAGGGTGGACCTGAAGCAGGGCTGTCTATGTTCAAGAACTTTGCT CGCTTTGCACTTCTGGTTTGTGGTGGAGATGGCAGCGTGAGCTGGGTCTTATCTCTGATT GATGCCTTTGGATTACATGAAAAGTGTCAGTTGGCAGTCATCCCACTTGGAAACGGCAAT GATCTGGCTCGTGTCTGGGCTGGGTGCATTCTGGAACAAAAGCAAGTCACCTCTGGAC ATCCTCAACAGAGTGAGCAGGCTAGTGTGAGGATCCTAGACAGATGGAGTGTGATGATT </pre>



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GTCCAGAGTTTTATTGGCAATTTATGGCACCGCAGACATCGTGAAGATGAAGCAGAGGT
GATGATCTCTAACACCATCGAGATCTCAACTGTAG

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Restriction Sites:	Please inquire
ACCN:	NM_001013742
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:	<u>NM_001013742.1, NP_001013764.1</u>
RefSeq Size:	3918 bp
RefSeq ORF:	3816 bp
Locus ID:	139189
UniProt ID:	<u>Q5KSL6</u>
Cytogenetics:	Xp11.22
Protein Families:	Druggable Genome
Gene Summary:	The protein encoded by this gene is an enzyme that phosphorylates diacylglycerol, converting it to phosphatidic acid. The encoded protein is a membrane protein and is inhibited by hydrogen peroxide. Variations in this gene have been associated with hypospadias. [provided by RefSeq, Mar 2011]