

Product datasheet for **SC304201**

KLHDC10 (NM_014997) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLHDC10 (NM_014997) Human Untagged Clone
Tag:	Tag Free
Symbol:	KLHDC10
Synonyms:	slim
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_014997, the custom clone sequence may differ by one or more nucleotides ATGTCCGGCCGCCAGGGCTGGGACAGGAACCGCCGGAGGGGAGGAGGCGCCGCCGGCGCT GGTGGCGGAGGTAGCGGGGCCGGCGGGGCAGTGGGGGCAGCGGGGGTCGGGGGACTGGC CAGCTCAACCGCTTCGTGCAACTCTCCGGGCGGCCACCTGCCAGGTAAGAAGAAAATA CGATGGGACCCAGTTAGGAGGCGCTTCATTAGTCCTGTCCCATCATAAGGATCCCTAAC AGGTTTTTGAGAGGCCACAGACCTCCACCAGCACGAAGTGACATCGTTGTGTGGCAGAT AATACCAACCTATATGTGTTTGGAGTTATAACCCAGATTATGATGAATCGGGAGGGCCT GATAATGAAGACTATCCTCTCTTCAGGGAACCTCTGGAGGTATCATTTTGCTACAGGAGTA TGGCACCAGATGGGCACAGATGGCTACATGCCCGGGAATTGGCATCTATGTCACCTGTG CTGCATGGAAACAACCTGTAGTATTTGGAGGTACGGGCATCCCATTTGGAGAGAGCAAC GGCAATGACGTCCATGTGTGTAATGTGAAGTATAAGAGATGGGCTTTGCTCAGCTGTCGG GGGAAGAAACCCAGTCGTATATATGGACAGGCTATGGCCATCATCAATGGCTCCCTTTAT GTCTTTGGAGGTACAACCGGCTATATTTACAGCACAGACCTGCACAAGTTAGATCTCAAT ACCAGAGAGTGGACACAACCTGAAACCAACAACCTATCCTGTGATCTACCAGAAGAGAGA TACCGACATGAAATTGCACATGACGGGCAGAGGATTTACATCTTGGGAGGTGTAATCTCC TGGACAGCATATTCCTTAAACAAGATCCATGCATACAACCTTGAACGAATGCCTGGGAG GAAATTGCAACAAAACCCCATGAAAAAATAGGCTTTCTGCAGCCCGAAGGTGTCACAGT TGTGTTCAAATAAAAAATGATGTATTTATTTGTGGGGCTATAATGGAGAGGTGATCCTG GGAGATATCTGGAAGTTGAATCTGCAGACTTTCCAATGGGTGAAGCTCCCAGCTACCATG CCAGAGCCAGTTTATTTTCACTGTGCAGCTGTTACACCAGCTGGTTGCATGTACATTCAT GGAGGAGTGGTGAACATCCATGAAAACAACCGACTGGGTCAATTGTTAAGATCTGGCTG GTGGTACCTAGCCTGCTGGAACCTGGCATGGGAGAAGCTGCTTGCGGCCTTCCCTAACCTT GCAAACCTCTCCGAACACAACCTTCTGCACCTTGACTCACACAGGGACTCATCGAACGC TTGAAATGA
Restriction Sites:	Please inquire
ACCN:	NM_014997



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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:	<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_014997.2, NP_055812.1</u>
RefSeq Size:	4488 bp
RefSeq ORF:	1329 bp
Locus ID:	23008
UniProt ID:	<u>Q6PID8</u>
Cytogenetics:	7q32.2
Gene Summary:	Participates in the oxidative stress-induced cell death through MAP3K5 activation. Inhibits PPP5C phosphatase activity on MAP3K5.[UniProtKB/Swiss-Prot Function]