

Product datasheet for MC215848

Klhdc10 (NM_029742) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Klhdc10 (NM_029742) Mouse Untagged Clone
Tag: Tag Free
Symbol: Klhdc10
Synonyms: 2410127E18Rik; AI593221; mKIAA0265
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC215848 representing NM_029742
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGCTGCCAGGGCTGGGACCGAACCGCCGGCGGGGAGGAGGCGCGCCGGCGGGCCAGCGGG
 TTAGCGGGCGCGCGCGCGGGGGTCCGGGCACCGACAGCTCAACCGATTCTGCAGCTCTCGGG
 ACGGCCGACCTGCCAGGTAAGAAGAAAATACGGTGGGACCCAGTTAGGAGGCGCTTCATTCAGTCTGT
 CCCATCATAAGGATCCCTAACAGTTCTTGAGAGGCCACAGACCTCCCCAGCCGACGTTGACACCGTT
 GTGTGGCAGACAATACCAATCTCTATGTGTTTGGAGGGTATAACCCAGACTATGATGAATCGGGAGGGCC
 GGATAACGAAGACTACCCTCTCTTCAGGGAGCTTTGGCGGTATCATTGCAACAGGCGTGTGGCACCAG
 ATGGGTACAGATGGCTACATGCCCGGGAATTGGCATCAATGTCACCTTGTGCTGCATGGAACAACCTGT
 TAGTGTTTCGGAGGTACAGGCATCCCGTTTGGTGAGAGCAACGGCAATGACGTCCATGTCTGCAATGTGAA
 GTACAAGAGATGGGCTCTACTCAGCTGTCGGGGGAAGAGGCCAGCCGTATACGGACAGGCCATGGCC
 CTCATCAATGGTCCCTTTATGTCTTTGGGGGAACAACCGGCTACATCTATAGCACAGACCTGCACAAGT
 TAGATCTCAACACCATGGTGTGGACACAACCTCAAACAAACCTGTCCTGTGACCTGCCGGAGGAGAG
 GTACAGACATGAAATTGCTCATGACGGGAGAGGATTTACATCTTGGGAGGAGGTTACTTCTGGACAGCC
 TATTCCCTTAAACAAGATCCATGCATACAACCTTGAACAATGCATGGGAGGAGATCGCAACAAAACCTC
 ATGAAAAAATAGGTTTTCTGCAGCCCGACGATGTACAGTTGTGTTCAAATAAAAATGATGTCTTCAT
 TTGTGGGGCTATAATGGAGAAGTATCCTGGGAGACATCTGGAAGCTGAATCTGCAGACGTTTCAGTGG
 GTGAAGCTCCCTGCCACCATGCCAGAGCCGTTTACTTTCACTGTGCGGCTGTCACCTCTGCTGTTGCA
 TGTACATCCACGGAGGAGTGGTGAACATCCATGAAAACAACGGACTGGGTCGCTGTTAAGATCTGGCT
 GGTGGTACCTAGCCTGCTGGAAGTGGCATGGGAGAAGCTGCTCGCGCCCTCCCCAACCTAGCAAACCTC
 TCCGAACACAGCTCCTGCACCTTGGACTCACACAGGAACCTCATCGAGCGTTTGAAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_029742
Insert Size:	1320 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).
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_029742.3</u> , <u>NP_084018.1</u>
RefSeq Size:	5962 bp
RefSeq ORF:	1320 bp
Locus ID:	76788
UniProt ID:	<u>Q6PAR0</u>
Cytogenetics:	6 A3.3
Gene Summary:	Participates in the oxidative stress-induced cell death through MAP3K5 activation. Inhibits PPP5C phosphatase activity on MAP3K5.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).