

Product datasheet for **MC222470**

Dnajc6 (NM_198412) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnajc6 (NM_198412) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dnajc6
Synonyms:	2810027M23Rik; mKIAA0473
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC222470 representing NM_198412
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCCAGCTATGGGGGAGGCCTTTTTGACATGGTGAAGGGCGGTGCAGGGAGGCTATTCAGTAACC
 TGAAGGACAACCTGAAAGACACTCTCAAAGATACATCCTCCAGGGTCATCCAGTCTGTTAGCAGCTACAC
 AAAGGGAGACCTAGACTTTACTTACGTACCTCCAGGATTATCGTGATGTCCTTTCTGTGGATAGTGTT
 GACATAGGATTCAGGAATCAGGTTGATGACATCCGTAGCTTTTTGGATTCCAGACATCTTGACCACTACA
 CAGTATACAACCTGTACCCCAAGCTTACCGAAGTCCACAGCCGGTCTCAGAGTGCAGTTG
 GCCCATCAGGCAGGCTCCAAGTCTACACAACCTGTTTGTGTGTAGGAATATGTATAACTGGCTACTG
 CAGAACCCCAAAAATGTCTGTGTGTCCACTGCTGGATGGACGGGCCGCGTCGTAATCCTGGTTGGTG
 CTATGTTCATTTTCTGTAATCTCTACTCCACGCCTGGCCCTGCTGTTGATTACTCTACGCAAAGCGACC
 AGGAATTGGACTGTCTCCGTCTCACAGGAGGACTTAGGCTACATGTGCGACCTACTTGCAGATAAGCCC
 TACCGCCCTCACTTCAAGCCACTCACGATCAAGGCAATCACTGTACAGCCAGTCCCTTCTTCAATAAGC
 AGAGAAATGGGTGCCGCCCTTACTGTGACGTTCTGATTGGAGAACTAAAATATATTCAACGTGCACAGA
 CTTTGAACGAATGAAAGAATACCGTGTCCAAGATGGGAAAATCTTCATCCCTCTGAACATCACAGTCCAA
 GGTGATGTCATCGTTTCCATGTACCCTTGCAGTCAACCATCGGGAGCCGGCTGCAGGCGAAGGTGACCA
 ACACACAGATATCCAGTCCAGTTTCTTCTGGGTTTATACCACTGGACACGACAGTTTTAAAGTTCAC
 CAAGCCTGAGCTGGATGCATGTGATGTACCAGAAAAATCCTCAGCTGTTCCAAGTGACACTGGATATA
 GAAGTCCAGCCCCAAGACAAAGTGATCGACTTAACTCCACCATGGGAACACTACTGCACAAAAGATGTGA
 ACCCCAGCATCTCTTCTCCTCTCAGCAGGAGCATCAGGACACTCTGGCCTTAGGGGGTCAAGCTCCAGC
 CGATCTCCACCCAGACCATCCAGGAATCTGGGCAAGGAGGCTCTTTGCCTCTCTGTTGGCAAGAT
 CAGAAATCAGAGAAGTACGCTGTGAGGAGGACCAGCTGCCCTGGTGAATCAGGAAAGTGAAGTGCAG
 ATGATGAGCTACTGACTCTCTCCAGCCCCATGGCAATGCAGAGGGTGATAAGCCTCATGGAGCCAAAGAA
 GCCAGGCAAAAAGCAGCAGGAGCCAGCTGCGCCTCCTCCCCAGAGGAAGTGGACCTCTGGGCCTGGAA
 GGGTCTGATGTGAGCAGCAACTTCTTCTTGGCAGCTCCTCCAGCAATTCTGAGTTGCTGAGTGACC
 TGTTTGGGGTGTAGGTGCCACAGTCTGCTCAGGCAGGACAGGCTGGGGTAGAAGATGTGTTTCAATCC
 TAGTGGACCTGTGTGTCACAGTCCACACCGCCGACCCGACCTCCGCTCTGCATCGCAACCCCTA
 AGAGTGGGAGAAGGTGCCACCTTTGACCCTTTGGAGCCCTGCTAAGCCACCAGGTGAGATTTGTTGG
 GCTCCTTTCTAAACACATCCAGTCTTCTAGCGACCCCTTTCTGCAGCCACGAGAAGCCCTTCCCTAC
 AGTGCATGCTTCTAGTACTCCTGCTGTGAACATCCAGCCCGACATTGCTGGAGGTTGGGACTGGCACACC
 AAACCAGGAGGTTTTGGAATGGGGAGCAAAATCCGCTGCCACCAGCCCGACAGGCTCATACATGGCACCC
 CCACCCATCAGAGCAAGCCCGACTCTGGATCCCTTTCGCTGACCTGGGGACACTAGGTAGCTTTCATT
 TGCCAGCAAACTACCACCCCAACTGGATTGGGTGGAGGATTTCCACCTCTCAGCTCACCAAGAAAGCA
 TCCCCCAGCCAATGGGTGGAGGGTGGCAGCAGCCAGCCGGCTACAACCTGGCAGCAGACACAGTCTAAGC
 CACAGTCCAGTATGCCTCACTCCTCCCTCAGAACCGACCCAATTACAACGTGAGCTTCTCGGCTATGCC
 TGCAGGGCAGAGCGAACGTGAAAAGGATCTACTAACTTGAAGGGAAACAAAAGGCTGCTGACTTTGAA
 GATCTGCTTTCTAGTCAAGGCTTCAATGCACACAAAGACAAAAGGGCCCTCGAACAAATAGCTGAGATGA
 GAAAGGAGGAGATGGCTAAGGAAATGGATCCTGAAAAACTAAAAGATCCTGGAGTGGATAGAGGGCAAGA
 GAGAAACATCAGAGCTCTGCTTTCCACAATGCACACCGTCTGTGGGCTGGGGAGACCAATGGAACCC
 GTGGGCATGGCGGATCTGGTGACGCCGGAGCAAGTGAAGAAGGTGTACAGGAGGGCTGTGCTAGTGGTGC
 ACCCTGACAAGGCAACTGGGCAACCCTATGAACAATACGCAAAGATGATTTTCATGGAGCTAAATGATGC
 CTGGTCTGAATTTGAAAACCAAGGCCAAAAGCCCTTGTAT**TAA**

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_198412

Insert Size:	2703 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_198412.2</u> , <u>NP_940804.1</u>
RefSeq Size:	5139 bp
RefSeq ORF:	2703 bp
Locus ID:	72685
UniProt ID:	<u>Q80TZ3</u>
Cytogenetics:	4 C6
Gene Summary:	<p>Recruits HSPA8/HSC70 to clathrin-coated vesicles and promotes uncoating of clathrin-coated vesicles. Plays a role in clathrin-mediated endocytosis in neurons.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR, lacks a segment of the 5' coding region, and uses a downstream translational start codon, compared to variant 1. The encoded isoform (c) is shorter at the N-terminus, compared to isoform a. Variants 3, 4 and 6 encode the same isoform.</p>