

Product datasheet for **MC222740**

Dnajc6 (NM_001164584) Mouse Untagged Clone

Product data:

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



Fully Sequenced ORF: >MC222740 representing NM_001164584
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGACAAATCCAAAGTCAGGGGTTGCAGAGTCAGCCGGAATTGCCTGCTCTCGTGCAGCAGCGGGAGAAA
 ACAGAAATGAAAGATTCTGAAAATAAAGGTGCCTCGTCTCCAGACATGGAGCCCAGCTATGGGGGAGGCCT
 TTTTGACATGGTGAAAGGCGGTGCAGGGAGGCTATTAGTAACCTGAAGGACAACCTTGAAGACACTCTC
 AAAGATACATCTCCAGGGTCATCCAGTCTGTTAGCAGCTACACAAAGGAGACCTAGACTTTACTTACG
 TCACCTCCAGGATTATCGTGATGTCCTTTCTGTGGATAGTGTGACATAGGATTAGGAATCAGGTTGA
 TGACATCCGTAGCTTTTGGATTCCAGACATCTTGACCACTACACAGTATACAACTTGTACCCCAAGTCT
 TACCGAACTGCCAAGTTCACAGCCGGTCTCAGAGTGCAGTTGGCCCATCAGGCAGGCTCCAAGTCTAC
 ACAACCTGTTTGTGTGTAGGAATATGTATACTGGCTACTGCAGAACCCAAAAATGTCTGTGTGT
 CCACTGCTTGGATGGACGGGCCGCTCGTCAATCCTGGTTGGTGTATGTTCAATTTCTGTAATCTCTAC
 TCCACGCTGGCCCTGCTGTTGATTACTCTACGCAAGCGACCGGAATTGGACTGTCTCCGTCTCACA
 GGAGGTAAGTCTAGGCTACATGTGCGACCTACTTGCAGATAAGCCCTACCGCCCTCACTTCAAGCCACTCAC
 GATCAAGGCAATCACTGTCAGCCAGTTCCTTCTTCAATAAGCAGAGAAATGGGTGCCGCCCTTACTGT
 GACGTTCTGATTGGAGAACTAAAAATATTTCAACGTGCACAGACTTTGAACGAATGAAAGAATACCGTG
 TCCAAGATGGGAAAAATCTTCATCCCTCTGAACATCAGAGTCCAAGGTGATGTATCGTTTCCATGTACCA
 CTTGCGGTCAACCATCGGGAGCCGGTGCAGGCGAAGGTGACCAACACACAGATATTCCAGTCCAGTTT
 CATTCTGGGTTTATACCACTGGACACGACAGTTTAAAGTTCACCAAGCCTGAGCTGGATGCATGTGATG
 TACCAGAAAAATATCCTCAGCTGTTCCAAGTGACACTGGATATAGAAGTCCAGCCCCAAGACAAAGTAT
 CGACTTAATCCACCATGGGAACACTACTGCACAAAAGATGTGAACCCAGCATCCTTCTCTCTCAG
 CAGGAGCATCAGGACACTCTGGCCTTAGGGGGTCAGGCTCCAGCCGATCTCCACCAGACCATCCAGGA
 ATCTTGGGCAAGGAGGCTTCTTTCCTCTCTGTTGGCAAGATCAGAAATCAGAGAAGTACGCTGTGA
 GGAGGACACGCTGCCCTGGTGAATCAGGAAAGTGAGCAGTCAGATGATGAGCTACTGACTCTCTCCAGC
 CCCCATGGCAATGCAGAGGGTGATAAGCCTCATGGAGCCAAGAGCCAGGCAAAAAGCAGCAGGAGCCAG
 CTGCGCTCTCTCCCCAGAGGAAGTGACCTCTGGGCTGGAAGGGTCTGATGTGAGCACGAACTTCTC
 TTCTTGGCAGCTCTCCAGCAATTCTGAGTTGCTGAGTGACCTGTTTGGGGGTGAGGTGCCACAGGT
 CCTGCTCAGGCAGGACAGGCTGGGGTAGAAGATGTGTTTCATCCTAGTGGACCTGTGTGCACAGTCCA
 CACCGCGCCGAACCGCCACCTCCGCTCTGCATCGCCAACCTAAGAGTGGGAGAAAGTGCCACCTTTGA
 CCCTTTTGGAGCCCTGCTAAGCCACCAGGTGAGGATTTGTTGGGCTCCTTTCTAAACACATCCAGTGCT
 TCTAGCGACCCCTTCTGCAGCCACGAGAAGCCCTTCCCCACAGTGATGCTTCTAGTACTCTGTCTG
 TGAACATCCAGCCGACATTGCTGGAGTTGGGACTGGCACACCAAAACAGGAGGTTTGAATGGGGAG
 CAAATCCGCTGCCACCGCCGACAGGCTCATCATATGGCACCCCAACCATCAGAGCAAGCCCAAGACT
 CTGGATCCCTTCTGCTGACCTGGGGACACTAGGTAGCTCTTCAATTTGCCAGCAAACTACCACCCCAACTG
 GATTGGGTGGAGGATTTCCACCTCTCAGCTCACCACAGAAAGCATCCCCCAGCCAATGGGTGGAGGGTG
 GCAGCAGCCAGCCGCTACAACTGGCAGCAGACAGTCTAAGCCACAGTCCAGTATGCCTCACTCTCTCC
 CCTCAGAACCGACCAATTACAACGTGAGCTTCTCGGCTATGCCTGCAGGGCAGAGCGAAGCTGGAAG
 GATCTACTAACTTGAAGGGAAACAAAAGGCTGCTGACTTTGAAGATCTGCTTTCTAGTCAAGGCTTCAA
 TGCACACAAAGACAAAAGGGGCTCGAACAATAGCTGAGATGAGAAAGGAGAGATGGCTAAGGAAATG
 GATCTGAAAACTAAAGATCCTGGAGTGGATAGAGGGCAAGAGAGAAACATCAGAGCTCTGCTTTCCA
 CAATGCACACCGTGTGTGGGCTGGGGAGACCAATGGAAACCCGTGGGATGGCGGATCTGGTGACGCC
 GGAGCAAGTGAAGAAGGTGTACAGGAGGGCTGTGCTAGTGGTGCACCCCTGACAAGGCAACTGGGCAACCC
 TATGAACAATACGCAAGATGATTTTCATGGAGCTAAATGATGCCTGGTCTGAATTTGAAAACCAAGGCC
 AAAAGCCCTGTATTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001164584

Insert Size: 2817 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001164584.1, NP_001158056.1</u>
RefSeq Size:	5165 bp
RefSeq ORF:	2817 bp
Locus ID:	72685
UniProt ID:	<u>Q80TZ3</u>
Cytogenetics:	4 C6
Gene Summary:	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] Transcript Variant: This variant (2) differs in the 5' UTR and 5' coding region, compared to variant 1, resulting in an isoform (b) with a distinct and shorter N-terminus, compared to isoform a.